CJ CASCADA

OWNER'S HANDBOOK

HOLDEN

GM Holden Ltd, ABN 84 006 893 232 (hereinafter Holden)

Change of name, address or ownership

If you drive a pre-owned Holden, have moved house or changed any of your details, we'd like to hear from you!

Holden uses your details to keep your vehicle's factory provided Roadside Assistance and Warranty details up to date.

It also helps us let you know if there is an existing safety recall or rework on your vehicle. To update your details, please take a few minutes to fill in and mail the form at the back of the Service/Warranty booklet or visit Holden's website at: www.holden.com.au/forms/change-of-owner-details

GM Holden Ltd (Holden) is collecting the new owner's personal information in order to process the request for transfer for the specified vehicle. We may disclose your personal information to our related companies and third parties who provide us with (or help us provide) products and services, including to overseas locations such as the USA, and other countries in Europe, Oceania and Asia. Holden's privacy policy (available at: www.holden.com.au/privacypolicy) states how you can seek to access or correct any personal information Holden holds about you, how to complain about a privacy breach by Holden and how Holden will deal with a privacy complaint.
You can contact Holden on 1800 033 349 or alternatively, you may prefer to email Holden at: holdencustomercare@gm.com

Note: Please refer to the inside front cover of the Service/Warranty booklet for the Vehicle Identification Certificate.

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Introduction

We thank you for choosing Holden and want to assure you of our continuing interest in your driving pleasure and satisfaction.

This handbook applies to the current Cascada model. Therefore, due to different options, you may find reference in this Handbook to some equipment not fitted to your own vehicle.

Please note that all information, illustrations and specifications in this Handbook are based on the latest production information available at the time of printing. Holden reserves the right to make changes at any time without notice and without incurring any obligation.

Introduction

Your vehicle is a designed combination of advanced technology, safety, environmental friendliness and economy.

This Owner's Manual provides you with all the necessary information to enable you to drive your vehicle safely and efficiently.

Make sure your passengers are aware of the possible risk of accident and injury which may result from improper use of the vehicle.

Using this manual

- This manual describes all options and features available for this model. **Certain descriptions, including those for display and menu functions, may not apply to your vehicle due to model variant.**
- The "In brief" section will give you an initial overview.
- The table of contents at the beginning of this manual and within each section shows where the information is located.
- The index will enable you to search for specific information.
- Directional data, e.g. left or right, or front or back, always relate to the direction of travel.
- Display messages and interior labelling are written in **bold** letters.

Danger, Warnings and Cautions

⚠Danger

Text marked ⚠**Danger** provides information on risk of fatal injury. Disregarding this information may endanger life.

⚠Warning

Text marked ⚠**Warning** provides information on risk of accident or injury. Disregarding this information may lead to injury.

Caution

Text marked **Caution** provides information on possible damage to the vehicle. Disregarding this information may lead to vehicle damage.

Symbols

Page references are indicated with ⇨. ⇨ means "see page".

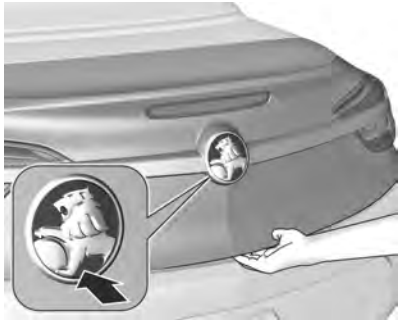
In brief

Initial drive information

Vehicle unlocking

Press briefly to unlock doors, boot lid and fuel filler flap. Open the doors by pulling the handles.

Soft top ⇨ 30, Windows ⇨ 27.



To open the boot lid, push the brand emblem at the bottom half.

Pressing opens the boot lid while the vehicle remains locked.

Radio remote control ⇨ 19, Central locking system ⇨ 20, Load compartment ⇨ 23.

Seat adjustment

Longitudinal adjustment

Pull handle, slide seat, release handle. Try to move the seat back and forth to ensure that the seat is locked in place.

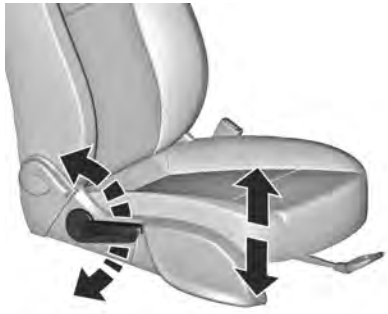
Seat position ⇨ 42, Seat adjustment ⇨ 43.

Backrest inclination

Turn lever to the rear, adjust inclination and release lever. Allow the seat to engage audibly.

Seat position ⇨ 42, Seat adjustment ⇨ 43, Seat folding ⇨ 45.

Seat height

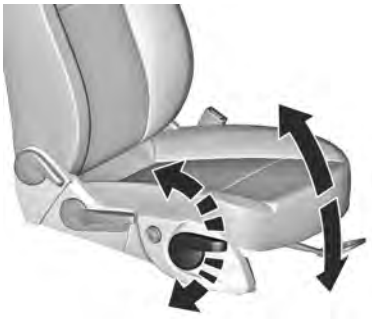


Lever pumping motion

up : seat higher
down : seat lower

Seat position ⇨ 42, Seat adjustment ⇨ 43.

Seat inclination



Lever pumping motion

up : front end higher
down : front end lower

Seat position ⇨ 42, Seat adjustment ⇨ 43.

Power seat adjustment

Operate switch **1**:

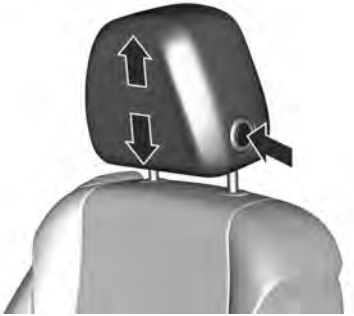
forward/backward : length adjustment
up/down : height adjustment
up/down at front : inclination adjustment

Operate switch **2**:

forward/backward : backrest adjustment

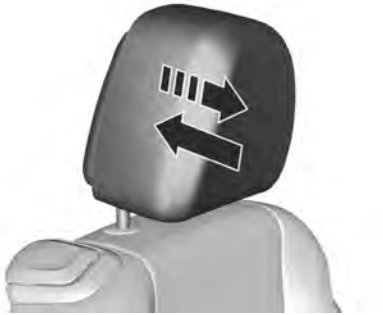
Power seat adjustment ⇨ 46, Seat folding ⇨ 45.

Head restraint adjustment



Press and hold button, adjust height, release button to engage.

Horizontal adjustment



Pull the lower front portion of the head restraint forwards slowly. It engages in several positions.

To return to its rearmost position, pull fully forwards and release.

Head restraints ⇨ 40.

Seat belt

Pull out the seat belt and engage in belt buckle. The seat belt must not be twisted and must fit close against the body. The backrest must not be tilted back too far (maximum approx. 25 °).

To release belt, press red button on belt buckle.

Seat position ⇨ 42, Seat belts ⇨ 49, Seat belt presenter ⇨ 49, Airbag system ⇨ 52.

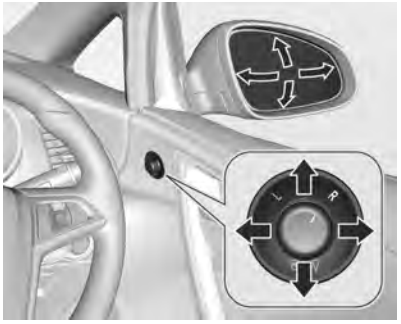
Mirror adjustment

Interior mirror

Dazzle from following vehicles at night is automatically reduced.

Automatic anti-dazzle interior mirror ⇨ 26.

Exterior mirrors



Select the relevant exterior mirror and adjust it.

Convex exterior mirrors ⇨ 25, Electric adjustment ⇨ 25, Folding exterior mirrors ⇨ 25, Heated exterior mirrors ⇨ 25.

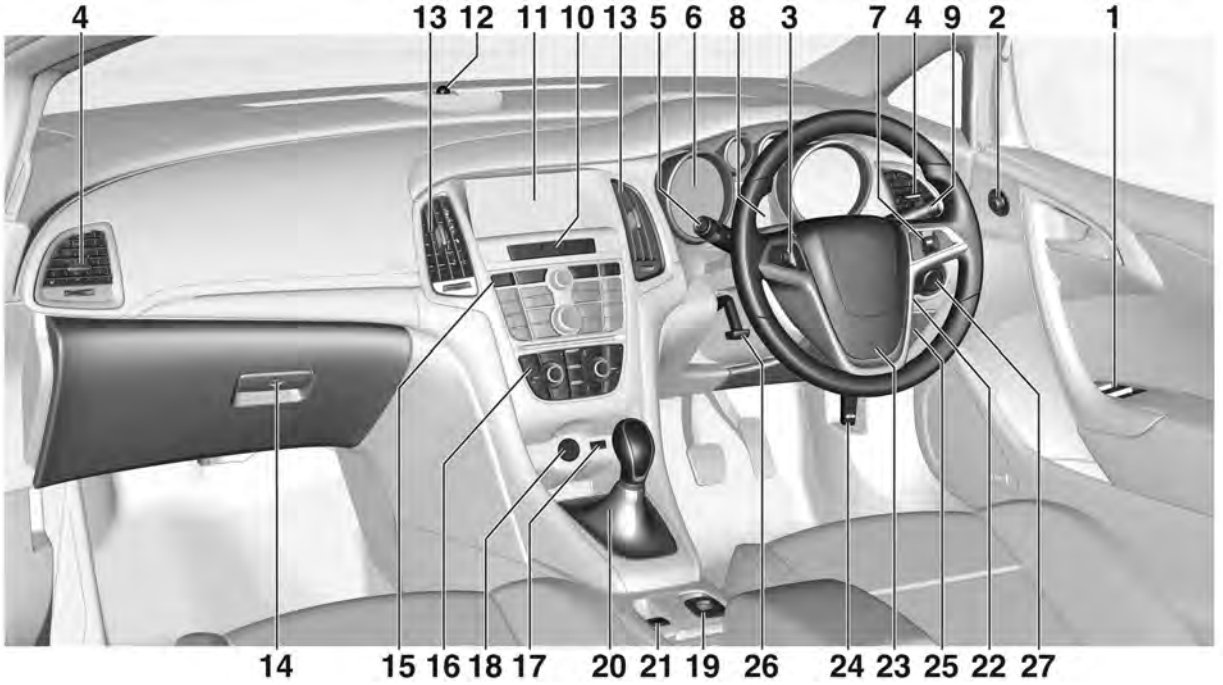
Steering wheel adjustment

Unlock the lever, adjust the steering wheel, then engage the lever and ensure it is fully locked.

Do not adjust the steering wheel unless the vehicle is stationary and the steering wheel lock has been released.

Airbag system ⇨ 52, Ignition positions ⇨ 177.

Instrument panel overview



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Exterior lighting

Automatic light control

Turn light switch:

AUTO : automatic light control: exterior lighting is switched on and off automatically

⏻ : activation or deactivation of the automatic light control, switch turns back to **AUTO**

⫸ : parking lights

≣D : headlights and parking lights

Fog lights

Press light switch:

⫷D : front fog lights

D⫶ : rear fog light

Lighting ⇨ 92.

Headlight flash, high beam and low beam

headlight flash : pull lever

high beam : push lever

low beam : push or pull lever from high beam

Automatic light control ⇨ 93, High beam ⇨ 94, High beam assist ⇨ 94, Headlight flash ⇨ 95, Adaptive forward lighting ⇨ 95.

High beam assist

The high beam assist is activated by pushing the indicator lever twice at a speed above 40 km/h.

The green control indicator ≡D illuminates continuously when the assist is activated, the blue ≡D illuminates when high beam is on.

To deacivate the high beam assist push indicator lever once.

Control indicator ≡D ⇨ 81, High beam assist ⇨ 94.

Turn and lane-change signals

lever up : right turn signal
lever down : left turn signal

Turn and lane-change signals ⇨ 99, Parking lights ⇨ 100.

Hazard warning flashers

Operated with ⚠.

Hazard warning flashers ⇨ 99.

Horn

Press .

Washer and wiper systems

Windscreen wiper

HI : fast
LO : slow
INT : automatic wiping with rain sensor
OFF : off

For a single wipe when the windscreen wiper is off, press the lever down to position **1x**.

Windscreen wiper ⇨ 69, Wiper blade replacement ⇨ 216.

Windscreen and headlight washer systems

Pull lever.

Windscreen and headlight washer system ⇨ 69, Washer fluid ⇨ 214.

Climate control

Demisting and defrosting the windows

Press .

Temperature and air distribution are set automatically and the fan runs at high speed.

Electronic climate control ⇨ 169.

Heated rear window, heated exterior mirrors

The heating is operated by pressing .

Heated rear window ⇨ 29.

Transmission

Manual transmission

Reverse: with the vehicle stationary, wait 3 seconds after depressing clutch pedal and then press the release button on the selector lever and engage the gear.

If the gear does not engage, set the lever to neutral, release the clutch pedal and depress again; then repeat gear selection.

Manual transmission ⇨ 186.

Automatic transmission

P : park
R : reverse
N : neutral
D : automatic mode
M : manual mode: move selector lever from **D** to the left.
+ : manual mode upshifting
− : manual mode downshifting

The selector lever can only be moved out of **P** when the ignition is on and the brake pedal is applied. To engage **P** or **R**, press the release button.

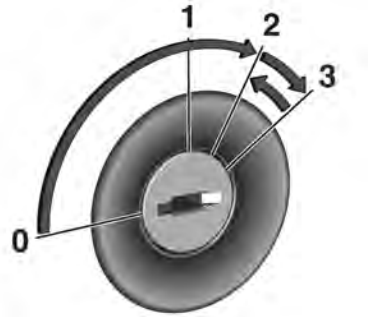
Automatic transmission ⇨ 182.

Starting off

Check before starting off

- Tyre pressure and condition ⇨ 231, ⇨ 258.
- Engine oil level and fluid levels ⇨ 212.
- All windows, mirrors, exterior lighting and number plates are free from dirt, snow and ice and are operational.
- Proper position of mirrors, seats and seat belts ⇨ 25, ⇨ 42, ⇨ 51.
- Soft top must be completely opened or closed ⇨ 30.
- Brake function at low speed, particularly if the brakes are wet.

Starting the engine



- Turn key to position **1**.
- Move the steering wheel slightly to release the steering wheel lock.
- Manual transmission: Operate clutch.
- Automatic transmission in **P** or **N** and operate brake.
- Do not operate accelerator pedal.
- Turn key to position **3** and release.

Starting the engine ⇨ 177.

Stop-start system

Stop-start system is fitted to manual transmission vehicles only.

If the vehicle is at a low speed or at a standstill and certain conditions are fulfilled, activate an Autostop as follows:

- Depress the clutch pedal.
- Set the lever in neutral.
- Release the clutch pedal .

An Autostop is indicated by the needle at the **AUTOSTOP** position in the tachometer.

To restart the engine, depress the clutch pedal again.

Stop-start system ⇨ 178.

Parking

⚠ Warning

- Do not park the vehicle on an easily ignitable surface. The high temperature of the exhaust system could ignite the surface.
- Always apply the parking brake.

  Pull switch Ⓟ for approx. one second ⇨ 187 .

  On a downhill or uphill slope, apply the electric parking brake by pulling the switch Ⓟ twice for maximum force.

  The electric parking brake is applied when control indicator Ⓟ illuminates ⇨ 79.
- Switch off the engine.
- If the vehicle is on a level surface or uphill slope, engage first gear or set the selector lever to position **P** before removing the ignition key. On an uphill slope, turn the front wheels away from the kerb.

  If the vehicle is on a downhill slope, engage reverse gear or set the selector lever to position **P** before removing the ignition key. Turn the front wheels towards the kerb.
- Close the windows and the soft top.
- Remove the ignition key. Turn the steering wheel until the steering wheel lock is felt to engage.

  For vehicles with automatic transmission, the key can only be removed when the selector lever is in position **P**.
- Lock the vehicle by pressing ⍞ on the radio remote control.
- The engine cooling fans may run after the engine has been switched off ⇨ 209.

Caution

After running at high engine speeds or with high engine loads, operate the engine briefly at a low load or run in neutral for approx. 30 seconds before switching off, in order to protect the turbocharger.

Keys, locks ⇨ 18, Storing the vehicle for a long period of time ⇨ 209.

Keys, doors and windows

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Keys, locks

Keys

Replacement keys

Caution
Do not attach heavy or bulky items to the ignition key.

The key number is specified in the Car Pass or on a detachable tag.

The key number must be quoted when ordering replacement keys as it is a component of the immobiliser system.

Locks ⇨ 246.

Lock cylinders

Designed to free-wheel if they are forcefully rotated without the correct key or if the correct key is not fully inserted. To reset, turn cylinder with the correct key until its slot is vertical, remove key and then re-insert it. If the cylinder still free-wheels, turn the key through 180° and repeat operation.

Key with foldaway key section

Press button to extend. To fold the key, first press the button.

Car Pass

The Car Pass contains security related vehicle data and should therefore be kept in a safe place.

When the vehicle is taken to a Holden dealer, this vehicle data is needed in order to perform certain operations.

Radio remote control

Used to operate:

- central locking system
- soft top
- power windows

The radio remote control has a range of approx. 20 metres. It can be restricted by external influences. The hazard warning flashers confirm operation.

Handle with care, protect from moisture and high temperatures and avoid unnecessary operation.

Fault

If the central locking system cannot be operated with the radio remote control, it may be due to the following:

- Range is exceeded.
- Battery voltage is too low.
- Frequent, repeated operation of the radio remote control while not in range, which will require re-synchronisation.
- Overload of the central locking system by operating at frequent intervals, the power supply is interrupted for a short time.
- Interference from higher-power radio waves from other sources.

Unlocking ⇨ 20.

Basic settings

Some settings can be changed in the Settings menu in the Info-Display. Vehicle personalisation ⇨ 90.

Radio remote control battery replacement

Replace the battery as soon as the range reduces.

Batteries do not belong in household waste. They must be disposed of at an appropriate recycling collection point.

Key with foldaway key section

Extend the key and open the unit sideways. Replace the battery (battery type CR 2032), paying attention to the installation position. Close the unit and synchronise.

Radio remote control synchronisation

After replacing the battery, unlock the door with the key in the driver's door lock. The radio remote control is synchronised when the ignition is switched on.

Memorised settings

Whenever the key is removed from the ignition switch, the following settings are automatically memorised by the key:

- lighting
- presets for Infotainment system
- central locking system
- comfort settings

The saved settings are automatically used the next time the memorised key is inserted into the ignition switch and turned to position **1** ⇨ 177.

A precondition is that **Personalization by driver** is activated in the Infotainment system.

Vehicle personalisation ⇨ 90.

Central locking system

Unlocks and locks doors, boot lid and fuel filler flap.

A pull on an interior door handle unlocks the respective door. Pulling the handle once more opens the door.

Note
In the event of an accident in which airbags or belt pretensioners are deployed, the vehicle is automatically unlocked.

Note
A short time after unlocking with the remote control, the doors are relocked automatically if no door has been opened.

Unlocking

Press .

Two settings are selectable:

- Press once to unlock both doors, boot lid and fuel filler flap.

  Press and hold again to open the windows and the soft top ⇨ 27.
- Press once to unlock only the driver's door, boot lid and fuel filler flap. To unlock the entire vehicle, press twice.

The setting can be changed in the Settings menu in the Info-Display. Vehicle personalisation ⇨ 90.

The setting can be saved for the key being used. Memorised settings ⇨ 20.

Unlocking and opening the boot lid ⇨ 23.

Locking

Close doors, boot lid and fuel filler flap.

Press briefly.

If the driver's door is not closed properly, the central locking system will not work.

Hold pressed again to close the soft top and the windows ⇨ 27.

Central locking buttons

Locks or unlocks both doors, the boot lid and fuel filler flap from the passenger compartment.

Press to lock.

Press to unlock.

Fault in radio remote control system

Unlocking

Manually unlock the driver's door by turning the key in the lock. Switch on the ignition and press the central locking button to unlock passenger's door, boot lid and fuel filler flap.

Locking

Manually lock the driver's door by turning the key in the lock.

Fault in central locking system

Unlocking

Manually unlock the driver's door by turning the key in the lock. The passenger's door can be opened by pulling the interior handle twice. The boot lid and fuel filler flap cannot be opened.

Locking

Push inside locking knob of passenger's door. Then close the driver's door and lock it from the outside with the key. The fuel filler flap and tailgate cannot be locked.

Manual closing of the soft top

⇨ 30.

Automatic locking

This security feature can be configured to automatically lock the doors, boot lid and fuel filler flap as soon as a certain speed is exceeded.

Additionally, it is configurable to unlock the driver's door or both doors after the ignition is switched off and the ignition key is removed (manual transmission) or the selector lever is moved to position **P** (automatic transmission).

Settings can be changed in the Settings menu in the Info-Display. Vehicle personalisation ⇨ 90.

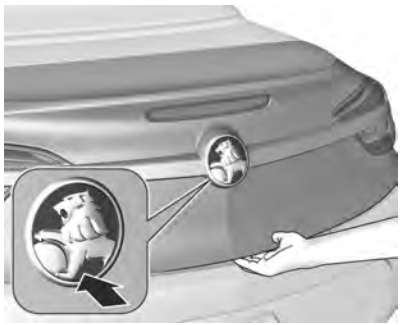
The settings can be saved for the key being used ⇨ 20.

Doors

Load compartment

Boot lid

Opening



Press on the radio remote control or after unlocking push the brand emblem at the bottom half to open the boot lid.

Pressing opens the boot lid while the vehicle remains locked.

Central locking system ⇨ 20.

Load compartment ⇨ 62.

Closing

Use the interior handle.

Do not touch the brand emblem whilst closing as this could unlock the boot lid again.

Central locking system ⇨ 20.

Blockage of boot lid

The boot lid can only be opened when the soft top is completely opened or closed. The soft top lid must be closed.

Manual closing of the soft top ⇨ 30.

Blockage of soft top
The soft top can only be operated when the boot lid is closed.

General hints for operating the boot lid

⚠Danger

Do not drive with the boot lid open or ajar, e.g. when transporting bulky objects, since toxic exhaust gases, which can not be seen or smelled, could enter the vehicle. This can cause unconsciousness and even death.

Caution

Before opening the boot lid check overhead obstructions, such as a garage door, to avoid damage to the boot lid. Always check the moving area above and behind the boot lid.

Note
The installation of certain heavy accessories onto the boot lid may affect its ability to remain open.

Vehicle security

Immobiliser

The system is part of the ignition switch and checks whether the vehicle is allowed to be started with the key being used.

The immobiliser is activated automatically after the key has been removed from the ignition switch.

If the control indicator flashes when the ignition is on, there is a fault in the system; the engine cannot be started. Switch off the ignition and repeat the start attempt.

If the control indicator continues flashing, attempt to start the engine using the spare key and seek the assistance of a Holden dealer.

Note
The immobiliser does not lock the doors. You should always lock the vehicle after leaving it.

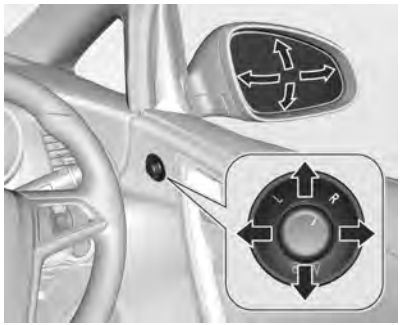
Control indicator ▷ 81.

Exterior mirrors

Convex shape

The convex exterior mirror contains an aspherical area and reduces blind spots. The shape of the mirror makes objects appear smaller, which will affect the ability to estimate distances.

Electric adjustment



Select the relevant exterior mirror by turning the control to left **(L)** or right **(R)**. Then swivel the control to adjust the mirror.

In position **0** no mirror is selected.

Folding mirrors

For pedestrian safety, the exterior mirrors will swing out of their normal mounting position if they are struck with sufficient force. Reposition the mirror by applying slight pressure to the mirror housing.

Heated mirrors

Operated by pressing ⌧.

The LED in the button indicates activation.

Heating works with the engine running and is switched off automatically after a short time.

Interior mirrors

Automatic anti-dazzle

Dazzle from following vehicles at night is automatically reduced.

Windows

Windscreen

Heat-reflecting windscreen

The heat-reflecting windscreen has a coating which reflects solar radiation. Also data signals, e.g. from toll stations, might be reflected.

The marked areas on the windscreen are not covered with the coating. Devices for electronic data recording and fee payment must be attached in these areas. Otherwise data recording malfunctions may occur.

Windscreen stickers

Do not attach stickers such as toll road stickers or similar on the outside of the windscreen in the area of the interior mirror. Otherwise the detection zone of the sensor and the view area of the camera in the mirror housing could be restricted.

Windscreen replacement

Caution
If the vehicle has a front-looking camera sensor for the driver assistance systems, it is very important that any windscreen replacement is performed accurately according to Holden specifications. Otherwise, these systems may not work properly and there is a risk of unexpected behaviour and/or messages from these systems.

Power windows

⚠Warning

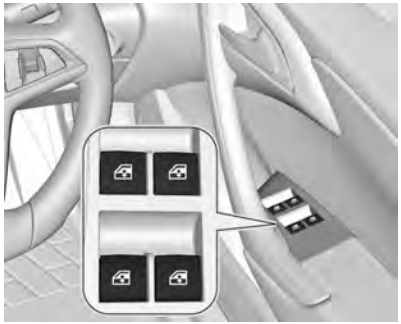
Take care when operating the power windows. Risk of injury, particularly to children.

Keep a close watch on the windows when closing them. Ensure that nothing becomes trapped in them as they move.

Power windows can be operated with the power window switches:

- with ignition on
- after switching the ignition off until a door is opened or within approximately 10 minutes

Retained power off ⇨ 177.



Operate the switch for the respective window by pushing to open or pulling to close.

Pushing or pulling gently to the first detent: window moves up or down as long as the switch is operated.

Pushing or pulling firmly to the second detent and then releasing: window moves up or down automatically with safety function enabled. To stop movement, operate the switch once more in the same direction.

Central switch

Switch in the centre console to operate all windows.

Push switch briefly to open all windows automatically.

Pull switch briefly to close all windows automatically.

Safety function

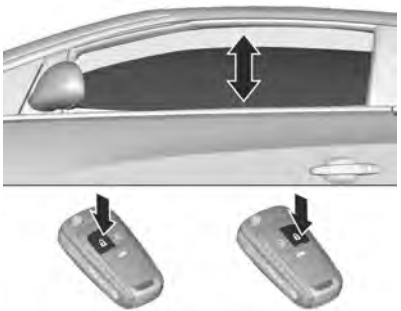
If the window glass encounters resistance above the middle of the window during automatic closing, it is immediately stopped and opened again.

Override safety function

In the event of closing difficulties due to frost or the like, switch on the ignition, then pull the switch to the first detent and hold. The window moves up with safety function disabled. To stop movement, release the switch.

Comfort operating with the remote control

The windows and the soft top can be operated remotely from outside the vehicle.



Opening

- Press briefly: the doors are unlocked.
- Press once more for two seconds: the windows move down automatically. Press longer: the soft top will be opened. Hold button pressed until soft top is completely opened.

Release button during opening the soft top: movement stops for ten seconds; pressing button once more continues opening.

Safety stop ⇨ 30.

Closing

- Press briefly: the doors are locked.
- Press once more longer: the soft top and the windows will be closed. Hold button pressed until soft top is completely closed.

  Release button during closing the soft top: movement stops for ten seconds; pressing button once more continues closing.

  Safety stop ⇨ 30.
- If the soft top is already closed but windows are opened: pressing for two seconds will close the windows.

Confirmation

Complete opening or closing of the soft top is confirmed by the hazard warning flashers.

Overload

If the windows are repeatedly operated within short intervals, the window operation is disabled for some time.

Initialising the power windows

If the windows cannot be closed automatically (e.g. after disconnecting the vehicle battery), a warning message is displayed in the Driver Information Centre.

Vehicle messages ⇨ 88.

Activate the window electronics for each window, beginning with the rear windows, as following:

1. Soft top must be closed.
2. Close doors.
3. Switch on ignition.
4. Pull switch to the second detent until the window starts to close, and hold pulled for an additional 4 seconds.
5. Push switch to the second detent until the window starts to open automatically.
6. Repeat for each window.

Heated rear window

Operated by pressing ⊞.

The LED in the button indicates activation.

Heating works with the engine running and is switched off automatically after a short time.

Heated rear window is deactivated when the soft top is opened.

Sun visors

The sun visors can be folded down or swivelled to the side to prevent dazzling.

If the sun visors have integral mirrors, the mirror covers should be closed when driving.

A ticket holder is located on the backside of the sun visor.

Roof

Soft top

⚠Warning

Take care when operating the soft top. Risk of injury. Monitor the action zone above, to the side and to the rear of the vehicle during operation.

Make sure that no body parts or objects could get pinched. Make sure that people stay clear of the action zone of the soft top or soft top lid. Risk of injury.

Check the height, length and width of the available space before operating the soft top, e.g. in a garage, parking garage or when a bicycle rack is fitted.

Vehicle passengers should be informed accordingly.

Before leaving the vehicle, remove the ignition key in order to prevent unauthorised operation of the windows and the soft top.

Operation with the switch in the centre console

Operable with ignition switch in position **1** or **2** (ignition on) ⇨ 177.

The soft top can be opened and closed while driving up to a speed of 50 km/h.

Open soft top

Hold switch pulled until the soft top is completely opened and the soft top lid is closed. All windows will be opened during this operation.

To close all windows pull switch .

Close soft top

Hold switch pushed until the soft top and the soft top lid are completely closed. When the windows start to move up release switch, the windows will close automatically.

All windows will be opened at first during this operation.

Confirmation of operation

Complete opening or closing of the soft top with the switch in the centre console is confirmed by the sound of an acoustic signal.

Operation with remote control

Open soft top

Hold pressed until the soft top is opened completely and the soft top lid is closed. All windows will be opened during this operation.

Close soft top

Hold pressed until the soft top, the soft top lid and the windows are completely closed. All windows will be opened at first during this operation.

Confirmation of operation

Complete opening or closing of the soft top with the remote control is confirmed by the hazard warning flashers.

Safety stop

The button on the remote control or the switch in the centre console must be actuated until the soft top is in its respective end position. Releasing the button or the switch during operation stops soft top movement immediately. The soft top remains in intermediate position for only 10 seconds. After this time a warning chime sounds, the hydraulic pressure in the system decreases and the soft top can start to move by itself. Actuating button or switch once more continues operation.

Requirements for operation

- Vehicle is stationary or driving with a speed up to 50 km/h.

- Load compartment partition is folded out, pass-through flap is closed ⇨ 62.
- Soft top lid is engaged in closed position.
- Boot lid is completely closed.
- Outside temperature is not lower than -7 °C for opening and -10 °C for closing.
- Vehicle battery voltage is sufficient.
- The system is not overloaded by repeated operation (max. 5 complete cycles in succession).

If any of these requirements are not fulfilled, a warning chime sounds and a message appears in the Driver Information Centre when the switch is actuated and the soft top will not open or close.

- There must be no objects in front of the rear window or in the pivot area of the soft top and the soft top lid.

If the automatic drive is not operational when the soft top is open, execute a manual closing process, see the following instructions in "Manual closing in the event of a system fault".

General hints

Note

- Always actuate the operation switch until the acoustic signal sounds or the hazard warning flashers illuminate, to ensure that the soft top is completely opened or closed.
- The soft top can be held in an intermediate position to facilitate cleaning of hood spaces and gaskets. Release the switch in the centre console during operation to stop soft top movement in intermediate position for a maximum of 7 minutes when ignition is on. After this time a warning chime sounds, the hydraulic pressure in the system decreases and the soft top can start to move by itself.
- Do not open the soft top if it is wet, frozen or dirty.
- Activating the soft top on uneven ground can lead to malfunctions and damage.
- Vehicle care ⇨ 246.

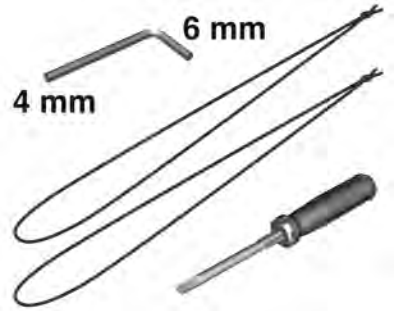
Manual closing in the event of a system fault

In case of malfunction of the electro-hydraulic actuation, the opened soft top can be closed manually.

A warning chime sounds and a message appears in the Driver Information Centre.

Caution
We strongly advise performing manual closing of the soft top with two persons.
Manual operation of the soft top is permitted only for closing.
Read the following description completely before starting to operate.
Do not perform the manual closing with the vehicle parked on downhill gradient or inclines.
Remove the large wind deflector before starting to operate.
After closing, have the soft top repaired by a Holden dealer.

Prepare the following tools which are required for manual operation:



- allen key with 4 mm hexagon on the long side and 6 mm hexagon on the short side, located in the glovebox
- two strings, located in the glovebox
- screwdriver, located in the tool box in the load compartment ⇨ 230

1. Switch off ignition.
2. Open the boot lid and remove the screwdriver from the tool box.

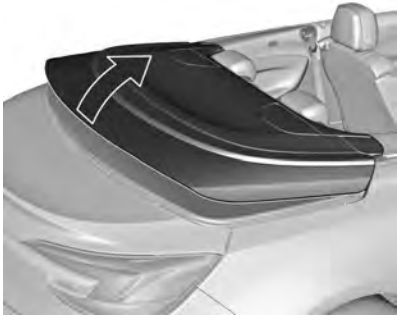
3. On the inside of the upper load compartment edge is a lever for releasing the soft top lid. Locate the lever and unlatch by swivelling the lever downwards.

Note

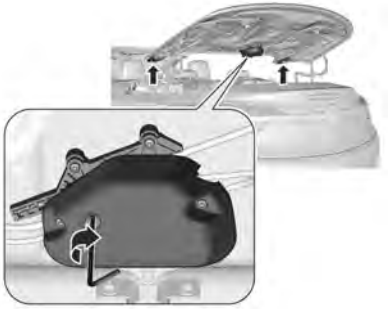
The boot lid cannot be opened from next step on.

Remove the screwdriver from the toolbox for further operation. It is possible that the boot lid cannot be opened until the vehicle is at a Holden dealer. Therefore remove any required objects from the load compartment.

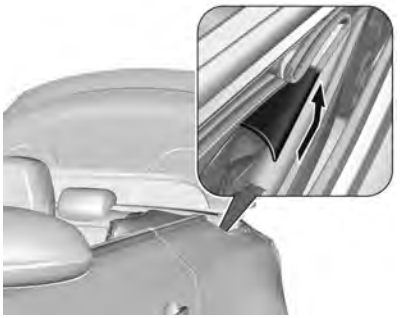
4. Close boot lid.



5. Lift up soft top lid from both sides simultaneously up to approx. the half raised position.

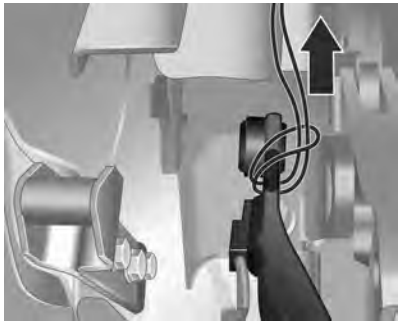


6. Insert the 4 mm Allen key into the marked position of the flap-drive unit. Turn the Allen key clockwise all the way to the stop, so that the sideways flaps are swivelled in.
7. Open the soft top lid to its end position.

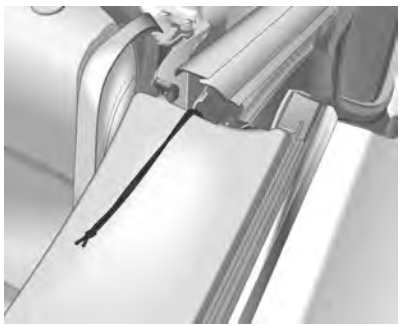


8. Remove plastic covers on both sides by pushing and sliding backwards, see illustration.

9. At the hinges on each side there are visible marks.



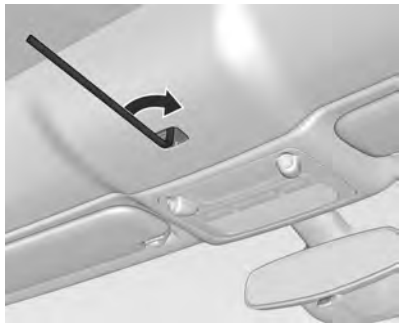
10. Loop the attached strings around the marked position at the hinge on both sides and pull the end of the string through the loop, as shown in the illustration.



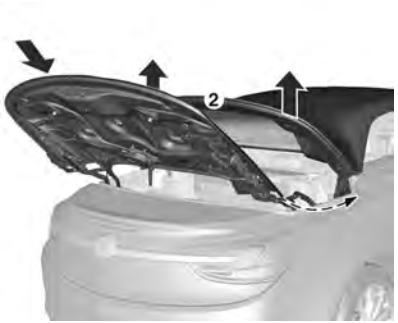
11. Place the end of the strings at the front.

12. Pull out the soft top by lifting up the front bow (**1**) and simultaneously the tension bow (**2**) on both sides.

13. Move the front bow (**1**) to the windscreen frame.
14. Remove the small lid in the windscreen frame trim using a screwdriver which is inserted in the recess of the lid.



15. Insert the 6 mm Allen key into the closure and lock the latch by turning the Allen key clockwise to its end position.

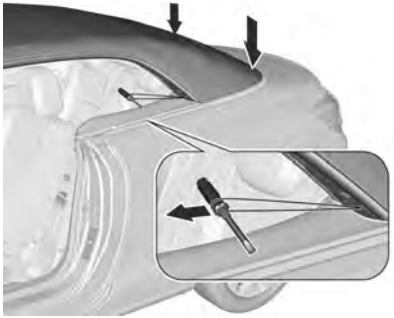


16. Lift up the tension bow (2) of the soft top on both sides. Raise up soft top lid by pushing slowly approx. to the half raised position and then let it slide into the closed position.
17. Lower the tension bow (2) of the soft top.

Note

In this position, the vehicle can be driven to a Holden dealer for soft top overhaul. The soft top is not completely waterproof and not latched at the rear.

To latch the soft top completely, execute the following step.

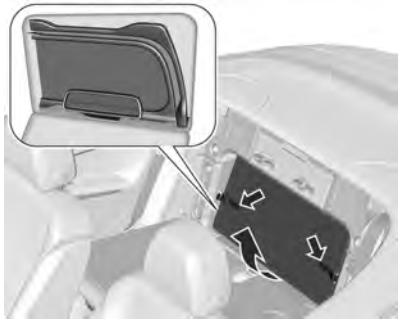


18. Push down firmly each side of the tension bow. Simultaneously pull the string with a screwdriver cross in the loop slowly and continuous to the front. Support yourself against the door frame with the other hand. Execute this on both sides to latch the soft top at the rear.

After the last step, the boot lid can be opened again. Allow the strings to be removed by your Holden dealer.

The soft top may not be opened with fixed strings.

Wind deflector



There are two wind deflectors located in a bag behind the rear seat backrests. Fold down the rear backrests ⇨ 62, open the Velcro fasteners and move out the bag from the recess.

- The small wind deflector can be placed between the rear head restraints.
- The big wind deflector can be placed behind the front seats.

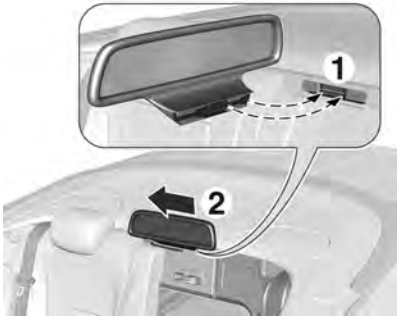
Do not place any objects on the wind deflector.

To install the deflectors, the soft top should be opened.

Fitting of the small wind deflector

- Fold down left rear backrest ⇨ 62.

- Remove the cover from the guide between the rear head restraints by sliding sideways to the left vehicle side.



- Insert the adapter of the deflector with the elevation into the opposite recess of the guide.
- Slide deflector in the guide to the right vehicle side until it engages.
- Raise rear backrest.

Remove deflector in reverse order.

Fitting of the big wind deflector

- Take the deflector out of the bag.

- Extract the four locking pins from the deflector: the upper ones release spring-loaded by turning the pins out of the brackets on both sides, the lower ones leap out by lifting the detents at the sliders on both sides.
- Expand the wind deflector.

- With the hinges behind the front seats insert the right side locking pins in the recesses of the right side trim near the rear seat. Fold the deflector a little at the centre and insert the left side locking pins in the recesses of the left side trim. Make sure that all pins are properly engaged. Push down the deflector at the centre.

- Fold up the upper part to vertical position.

The rear seats cannot be occupied when the big wind deflector is mounted.

The vertical part of the deflector can be folded down when not used.

Wind deflector may remain mounted when the soft top is closed.

For removing fold down vertical part of the deflector. Lift up the deflector at the centre a little and remove it from the recesses on both sides.

Stowing the wind deflector

To stow the deflector, move in the rear locking pins by pushing back and turning the pins into the brackets. Push back the sliders of the front locking pins until they engage. Swing in the deflector and stow it in the bag.

Fold down the rear backrests. Align the hard cover of the bag to the load compartment. Position the bag from the bottom up at the lateral guide in the recess of the upper frame. Fix the bag with the Velcro fastener at the lashing eyes on both sides. Raise rear backrests.

Rollover protection system

The rollover protection system consists of a reinforced windscreen frame and anti-roll bars under covers behind the rear head restraints.

In the event of a vehicle rollover, head-on collision or side impact, the anti-roll bars deploy upwards automatically within milliseconds. They also deploy together with the front and side airbag systems.

Note

Do not place any objects on the covers of the anti-roll bars behind the head restraints.

The airbag control indicator illuminates if the anti-roll bars have been deployed.

The system deploys with the soft top opened or closed.

The soft top must not be operated if the anti-roll bars have been deployed. A continuous warning will sound and a message appears in the Driver Information Centre if the switch is actuated.

Seats, restraints

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Head restraints

Position

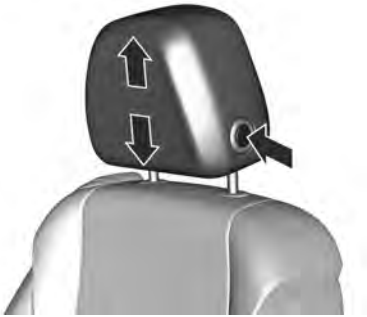
⚠Warning

Only drive with the head restraint set to the proper position.

The upper edge of the head restraint should be at upper head level. If this is not possible for extremely tall people, set to highest position, and set to lowest position for small people.

Adjustment

Head restraints on front seats



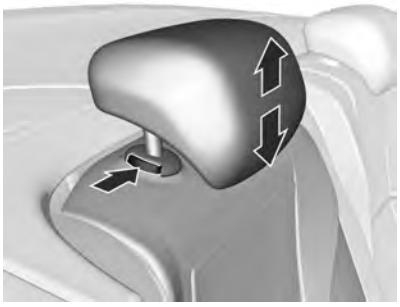
Height adjustment
Press and hold button, adjust height, release button to engage.

Horizontal adjustment

Pull the lower front portion of the head restraint forwards slowly. It engages in several positions.

To return to its rearmost position, pull fully forwards and release.

Head restraints on rear seats

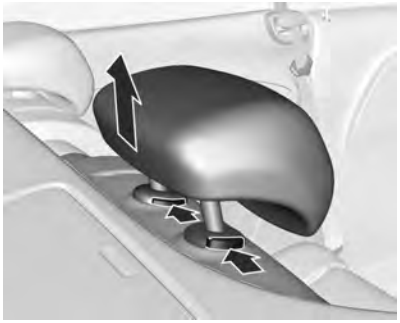


Height adjustment

Pull the head restraint upwards and let engage. To move downwards, press the catch to release and push the head restraint downwards.

Removal of rear head restraint

E.g. when using a child restraint system ⇨ 55.



Press both catches, pull the head restraint upwards and remove.

Place the head restraint in a net bag and secure the underside of the bag with the Velcro fasteners on the load compartment floor. A suitable net bag is available at your Holden dealer.

Active head restraints

In the event of a rear-end impact, the front parts of the active head restraints are moved slightly forwards. Thus the head is supported so that the risk of whiplash injury is reduced.

Note
Approved accessories may only be attached if the seat is not in use.

Front seats

Seat position

⚠Warning

Only drive with the seat correctly adjusted.

⚠Danger

Do not sit nearer than 25 cm from the steering wheel, to permit safe airbag deployment.

⚠Warning

Never adjust seats while driving as they could move uncontrollably.

⚠Warning

Never store any objects under the seats.

- Sit with buttocks as far back against the backrest as possible. Adjust the distance between the seat and the pedals so that legs are slightly angled when pressing the pedals. Slide the front passenger seat as far back as possible.
- Set seat height high enough to have a clear field of vision on all sides and of all display instruments. There should be at least one hand of clearance between head and the roof frame. Your thighs should rest lightly on the seat without pressing into it.

- Sit with shoulders as far back against the backrest as possible. Set the backrest rake so that it is possible to easily reach the steering wheel with arms slightly bent. Maintain contact between shoulders and the backrest when turning the steering wheel. Do not angle the backrest too far back. We recommend a maximum rake of approx. 25°.
- Adjust seat and steering wheel in a way that the wrist rests on top of the steering wheel while the arm is fully extended and shoulders on the backrest.
- Adjust the steering wheel ⇨ 68.
- Adjust the head restraint ⇨ 40.
- Adjust the thigh support so that there is a space approx. two fingers wide between the edge of the seat and the hollow of the knee ⇨ 43.
- Adjust the lumbar support so that it supports the natural shape of the spine ⇨ 43.

Seat adjustment

Drive only with engaged seats and backrests.

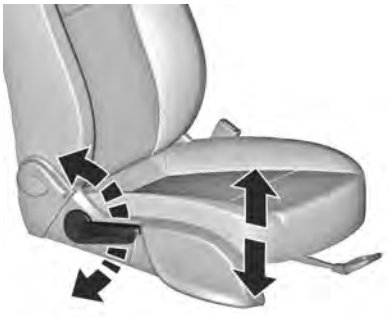
Longitudinal adjustment

Pull handle, slide seat, release handle. Try to move the seat back and forth to ensure that the seat is locked in place.

Backrest inclination

Turn lever to the rear, adjust inclination and release lever. Allow the backrest to engage audibly.

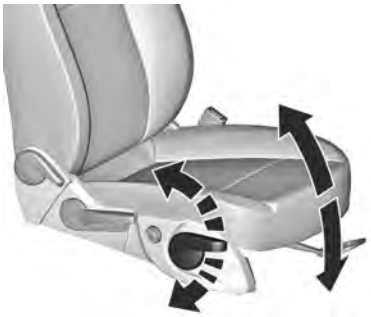
Seat height



Lever pumping motion

up : seat higher
down : seat lower

Seat inclination



Lever pumping motion

up : front end higher
down : front end lower

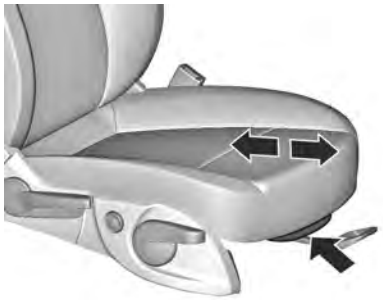
Lumbar support

Adjust lumbar support using the four-way switch to suit personal requirements.

Moving support up and down: push switch up or down.

Increasing and decreasing support: push switch forwards or backwards.

Adjustable thigh support



Pull the lever and slide the thigh support.

Seat folding

⚠Warning

Passengers on rear seats should take care not to be trapped by the adjustment mechanism when the seat moves back to its original position.

Caution

When seat height is in highest position, push head restraints down and lift up sun visors before folding backrest forwards.

Seat folding on manual operated seats

Lift release lever and fold backrest forwards, then slide seat forwards to the stop.

To restore, slide the seat backwards to the stop. Lift backrest to upright position without operating any lever. Ensure backrest engages.

When fully engaged the seat will be in original position again.

Do not operate backrest inclination lever while backrest is folded forward.

Seat folding on power seats

Lift release lever and fold backrest forwards. The seat slides automatically forwards to the stop.

To restore, lift backrest to upright position and engage. The seat slides automatically backwards to the original position.

In case the head restraint of the folded backrest is blocked by the upper windscreen frame, allow the

seat to move backwards or downwards slightly ⇨ 46, or set head restraint to lowest position ⇨ 40.

Safety function

If the power seat encounters resistance while sliding forwards or rearwards, it is immediately stopped and moved in the opposite direction.

Note

Do not sit on the seat while seat is moving.

Power disconnection

If seat remains in forward position with opened door for more than 10 minutes, power adjustment is disconnected. In this event, close and open the door or switch on ignition and operate power adjustment again.

Overload

If the folding function is electrically overloaded, the power supply is automatically cut-off for a short time.

Power seat adjustment

⚠Warning

Care must be taken when operating the power seats. There is a risk of injury, particularly for children. Objects could become trapped.

Keep a close watch on the seats when adjusting them. Vehicle passengers should be informed accordingly.

Seat lengthwise adjustment

Move switch forwards/backwards.

Seat height

Move switch upwards/downwards.

Seat inclination

Move front of switch upwards/ downwards.

Seat backrests

Turn switch forwards/backwards.

Lumbar support

Adjust lumbar support using the four-way switch to suit personal requirements.

Moving support up and down: push switch up or down.

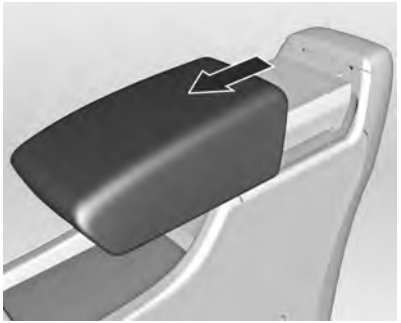
Increasing and decreasing support: push switch forwards or backwards.

Note
If the seat setting is electrically overloaded, the power supply is automatically cut-off for a short time.

Adjustable thigh support

Pull the lever and slide the thigh support.

Armrest



The armrest can be slid forwards by 10 cm. Under the armrest there is a storage compartment.

Armrest storage ⇨ 61.

Heating

Adjust heating to the desired setting by pressing for the respective seat one or more times. The lighting LEDs in the button indicate the setting.

Prolonged use of the highest setting for people with sensitive skin is not recommended.

Seat heating is operational when engine is running and during an Autostop.

Stop-start system ⇨ 178.

Ventilating

Adjust ventilation to the desired setting by pressing for the respective seat one or more times.

The lighting LEDs in the button indicate the setting.

Ventilated seats are operational with ignition on and during an Autostop.

Stop-start system ⇨ 178.

Seat belts

The seat belts are locked during heavy acceleration or deceleration of the vehicle holding the occupants in the sitting position. Therefore the risk of injury is considerably reduced.

⚠Warning

Fasten seat belt before each trip.

In the event of an accident, people not wearing seat belts endanger their fellow occupants and themselves.

⚠Warning

Seatbelts are designed to bear upon the bony structure of the body, and should be worn low across the front of the pelvis or the pelvis, chest and shoulders, as applicable; wearing the lap section of the belt across the abdominal area must be avoided.

Seatbelts should be adjusted as firmly as possible, consistent with comfort, to provide the protection for which they have been designed. A slack belt will greatly reduce the protection afforded to the wearer.

Care should be taken to avoid contamination of the webbing with polishes, oils and chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water. The belt should be replaced if webbing becomes frayed, contaminated or damaged.

It is essential to replace the entire assembly after it has been worn in a severe impact even if damage to the assembly is not obvious.

Belts should not be worn with straps twisted.

Each belt assembly must only be used by one occupant; it is dangerous to put a belt around a child being carried on the occupant's lap.

No modifications or additions should be made by the user which will either prevent the seatbelt adjusting devices from operating to remove slack, or prevent the seatbelt assembly from being adjusted to remove slack.

Note

Make sure that the belts are not damaged by shoes or sharp-edged objects or trapped. Prevent dirt from getting into the belt retractors.

Seat belt presenter

The seat belt presenter is a comfort feature that enables the front passengers to fasten the seat belts conveniently by bringing the belts to the front.

The presenter comes out when:

- The respective door is closed and ignition is switched on.
- The ignition is on and the respective door is being closed.

The presenter retracts when:

- The respective door is opened again.
- The key is removed from ignition switch.
- The respective latch plate is inserted into the buckle.
- The timeout of 45 seconds elapsed.
- The vehicle is driven longer than 15 seconds with a speed more than 3 mph.

If the seat belt presenter does not retract automatically, push it back slightly.

Seat belt reminder

Front seats are equipped with a seat belt reminder, indicated for driver seat as control indicator in the tachometer ⇨ 78 and for passenger seat in the centre console ⇨ 75.

Seat belt force limiters

On all seats, stress on the body is reduced by the gradual release of the belt during a collision.

Seat belt pretensioners

In the event of a head-on or rear-end collision of a certain severity, all seat belts are tightened.

⚠Warning

Incorrect handling (e.g. removal or fitting of belts) can trigger the belt pretensioners.

Deployment of the belt pretensioners is indicated by continuous illumination of control indicator ⇨ 78.

Triggered belt pretensioners must be replaced by a Holden dealer. Belt pretensioners can only be triggered once.

Note

Do not affix or install accessories or other objects that may interfere with the operation of the belt pretensioners. Do not make any modifications to belt pretensioner components as this will invalidate the vehicle type approval.

Three-point seat belt

Fastening

Withdraw the belt from the retractor, guide it untwisted across the body and insert the latch plate into the buckle. Tighten the lap belt regularly whilst driving by pulling the shoulder belt.

Loose or bulky clothing prevents the belt from fitting snugly. Do not place objects such as handbags or mobile phones between the belt and your body.

⚠Warning

The belt must not rest against hard or fragile objects in the pockets of your clothing.

Seat belt reminder ⇨ 78.

Removing

To release belt, press red button on belt buckle.

Using the seat belt while pregnant

⚠Warning

The lap belt must be positioned as low as possible across the pelvis to prevent pressure on the abdomen.

Airbag system

The airbag system consists of a number of individual systems depending on the scope of equipment.

When triggered, the airbags inflate within milliseconds. They also deflate so quickly that it is often unnoticeable during the collision.

⚠Warning

If handled improperly the airbag systems can be triggered in an explosive manner.

Note

The airbag systems and belt pretensioner control electronics are located in the centre console area. Do not put any magnetic objects in this area.

Do not affix any objects onto the airbag covers and do not cover them with other materials.

Each airbag is triggered only once. Have deployed airbags replaced by a Holden dealer. Furthermore, it may be necessary to have the steering wheel, the instrument panel, parts of the panelling, the door seals, handles and the seats replaced.

Do not make any modifications to the airbag system as this will invalidate the vehicle type approval.

When the airbags inflate escaping hot gases may cause burns.

Fault

If there is a fault in the airbag system the control indicator illuminates and a message or a warning code appears in the Driver Information Centre. The system is not operational.

Have the cause of the fault remedied by a Holden dealer.

Control indicator for airbag systems ⇨ 78.

⚠Danger

Do not use a child restraint system on the passenger seat with active front airbag.

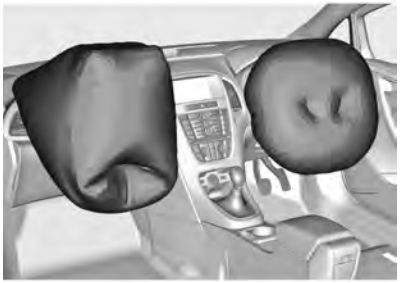
The airbag label is located on both sides of the front passenger sun visor.

Front airbag system

The front airbag system consists of one airbag in the steering wheel and one in the instrument panel on the front passenger side. These can be identified by the word **AIRBAG**.

Additionally there is a warning label on the side of the instrument panel, visible when the front passenger door is open, or on the front passenger sun visor.

The front airbag system is triggered in the event of a front-end impact of a certain severity. The ignition must be switched on.



The inflated airbags cushion the impact, thereby reducing the risk of injury to the upper body and head of the front seat occupants considerably.

⚠Warning

Optimum protection is only provided when the seat is in the proper position.

Seat position ⇨ 42.

Keep the area in which the airbag inflates clear of obstructions.

Fit the seat belt correctly and engage securely. Only then is the airbag able to protect.

⚠Warning

EXTREME HAZARD!

Do not use a rearward facing child restraint on a seat protected by an airbag in front of it!

The child could be seriously injured if the airbag inflates, as the child's head would be very close to the inflating airbag.

Side airbag system

The side airbag system consists of an airbag in each front seat backrest. This can be identified by the word **AIRBAG**.

The side airbag system is triggered in the event of a side impact of a certain severity. The ignition must be switched on.

The inflated airbags cushion the impact, thereby reducing the risk of injury to the head and upper body in the event of a side-on collision considerably.

⚠Warning

Keep the area in which the airbag inflates clear of obstructions.

Note

Only use protective seat covers that have been approved for the vehicle. Be careful not to cover the airbags.

Child restraints

Child restraint systems

When a child restraint system is being used, pay attention to the following usage and installation instructions and also those supplied with the child restraint system.

There is a warning label on the side of the instrument panel, visible when the front passenger door is open, or on the front passenger sun visor.

⚠Warning

EXTREME HAZARD!

Do not use a rearward facing child restraint on a seat protected by an airbag in front of it!

The child could be seriously injured if the airbag inflates, as the child's head would be very close to the inflating airbag.

⚠Warning

This manual provides you with general information concerning child restraints only. The driver is required by law to ensure that passengers are suitably restrained.

In most States and Territories of Australia and New Zealand, specific laws may exist which require children to be seated in approved child restraints and/or certain locations within the vehicle. Holden strongly recommends that you refer to your specific State or Territory regulations to determine which child restraint and seat location is suitable for your child.

Children should be restrained at all times when travelling in a vehicle.

Always ensure that the seat belt fits firmly around the child restraint, as applicable to the type of restraint used.

If a child cannot see out of the window, do not raise him/her by means of an ordinary cushion. It will not stay in place in a collision and the child can slip out of the straps and become entangled.

⚠ Warning

It is safest for children to be seated in the rear seat.

Only child restraints that have clips to attach to the vehicle's anchorage fitting are to be used. Earlier types of child restraints may not attach securely to this type of anchor.

Use only Standards Australia and New Zealand approved child restraints and harnesses. You should only purchase a child restraint which carries the appropriate Standards Australia sticker of approval.

Australian States and Territories and New Zealand have laws restricting the seating of children in the front passenger seat. In most jurisdictions, children under 4 years should not be seated in the front passenger seat. Check your local road safety regulations before seating a child in the front seat. Where legally allowable, you may install a forward-facing child restraint in the front seat, but always move the passenger seat as far back as it will go.

Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses or for attaching other items or equipment to the vehicle.

Always follow the child restraint manufacturer's fitting instructions when installing a child restraint into the vehicle.

Selecting the right system

The rear seats are the safest location to fasten a child restraint system.

Your child should travel facing backwards in the vehicle, until as old as possible. It is appropriate to change the system when the child's head can no longer be properly supported at eye height. The child's cervical vertebrae are still very weak and in an accident they suffer less stress in the semi-prone rearward position than when sitting upright.

Never carry a child whilst travelling in the vehicle. The child will become too heavy to hold in the event of a collision.

When transporting children, use the child restraint systems suitable for the child's weight.

Ensure that the child restraint system to be installed is compatible with the vehicle type.

Ensure that the mounting location of the child restraint system within the vehicle is correct.

Only allow children to enter and exit the vehicle at the side facing away from the traffic.

When the child restraint system is not in use, secure the seat with a seat belt or remove it from the vehicle.

Note

Do not stick anything on the child restraint systems and do not cover them with any other materials.

A child restraint system which has been subjected to stress in an accident must be replaced.

Please ensure that infants and children are seated in the rear seats using child restraints.

Until the children can use seat belts, please select a child restraint suitable for its age and make sure the child wears it. Please see the instructions on the relevant products for child restraints.

Child restraint installation locations

Permissible options for fitting a child restraint system

Weight and age class	On front passenger seat	On rear outboard seats	On rear centre seat
Group 0: up to 10 kg or approx. 10 months	X	U[1]	U
Group 0+: up to 13 kg or approx. 2 years	X	U[1]	U
Group I: 9 to 18 kg or approx. 8 months to 4 years	X	U[1]	U
Group II: 15 to 25 kg or approx. 3 to 7 years	X	U[1]	U
Group III: 22 to 36 kg or approx. 6 to 12 years	X	U[1]	U

U : Universal suitability in conjunction with three-point seat belt.
X : No child restraint system permitted in this weight class.
1 : Seat available with ISOFIX and Top-Tether mounting brackets.

ISOFIX child restraint systems

Fasten vehicle-approved ISOFIX child restraint systems to the ISOFIX mounting brackets. Specific vehicle ISOFIX child restraint system positions are marked in the table ⇨ 58.

Remove wind deflector ⇨ 36 before mounting a child restraint system and remove rear head restraint if required ⇨ 58.

ISOFIX mounting brackets are indicated by a logo ISOFIX on the backrest.

Top-tether fastening eyes

The vehicle has two fastening eyes on the backside of the rear backrests.

Top-Tether fastening eyes are marked with the symbol for a child seat.

In addition to the ISOFIX mounting, fasten the Top-Tether strap to the Top-Tether fastening eyes on the backside of the rear seats. Folding rear backrests ⇨ 62.

Remove wind deflector ⇨ 36 before mounting a child restraint system and remove rear head restraint if required ⇨ 40 .

ISOFIX child restraint systems of universal category positions are marked in the table ⇨ 58.

Storage

Storage compartments **60**
Glovebox 60
Cupholders 61
Front storage 61
Armrest storage 61
Centre console storage 61
Load compartment **62**
Rear storage 65
Rear floor storage cover 65
Lashing eyes 65
Loading information **66**

Storage compartments

⚠Warning

Do not store heavy or sharp objects in the storage compartments. Otherwise, the storage compartment lid could open and vehicle occupants could be injured by objects being thrown around in the event of hard braking, a sudden change in direction or an accident.

Glovebox

The glovebox features a pen holder and a coin holder.

Close glovebox whilst driving. It can be locked with the vehicle key.

⚠Warning

To reduce the risk of injury in an accident or a sudden stop, always keep the glovebox door closed while driving.

Cupholders

Cupholders are located in the centre console.

Cupholders are located under a cover in the centre console. Slide cover backwards. Bottles can be stowed after folding up the intermediate shelf ⇨ 61.

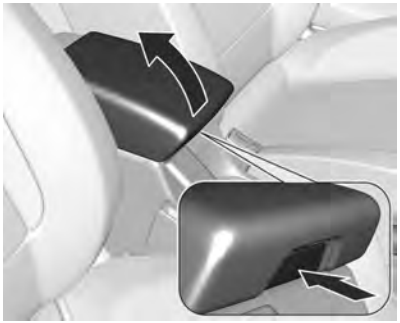
Additional cupholders are located between the rear seats.

Front storage

A storage compartment is located next to the steering wheel.

Armrest storage

Storage under the front armrest



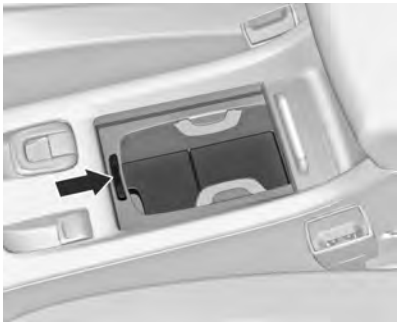
Press button to fold up the armrest. The armrest must be in rearmost position.

Centre console storage

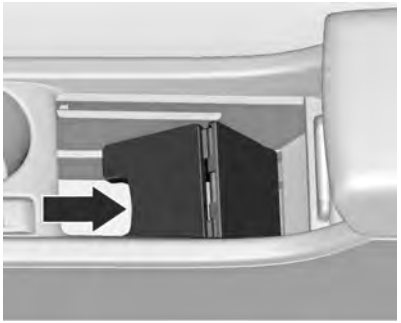
Front console

Depending on the version, a storage compartment is located under a cover.

Slide cover backwards.



Press button to remove the frame of the cupholder. The frame can be stowed in the glovebox.



A further storage compartment is located under the intermediate shelf. Fold up the intermediate shelf and fix it in the vertical position. The frame of the cupholder can be reintegrated to stow bottles.

Rear console

Depending on version a storage drawer is located at the back of the console. Pull out the drawer.

Caution
Do not use for ashes or for other glowing items.

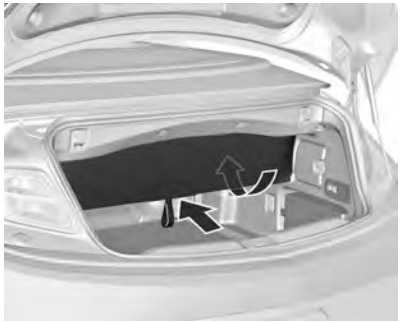
Load compartment

Load compartment extension

Folding load compartment partition

To enlarge the load compartment when the soft top is closed, the load compartment partition can be folded in.

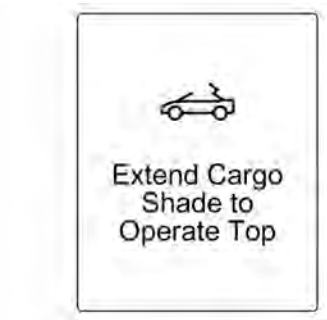
- Close soft top ⇨ 30.
- Open the boot lid ⇨ 23.



- To fold in, push the load compartment partition at the loop area upwards to the inside.

- To fold out the load compartment partition, pull the strap downwards to the rear. The pass-through flap must be closed in vertical position by the Velcro fasteners.

During soft top operation or when it is opened, the load compartment partition must be folded out.



A warning chime sounds and a message appears in the Driver Information Centre if the load compartment partition is not folded out fully, including the pass-through flap behind the rear seats, when actuating the switch to open the soft top.

Folding rear backrests

To enlarge load compartment further or to gain access to the wind deflector bag, both rear backrests can be folded down.

⚠ Warning

Take care when operating the electric foldable rear seats. The seat backrest is folded with considerable power. Risk of injury, particularly to children.

Ensure that nothing is attached to the rear seats or located on the seat cushion.

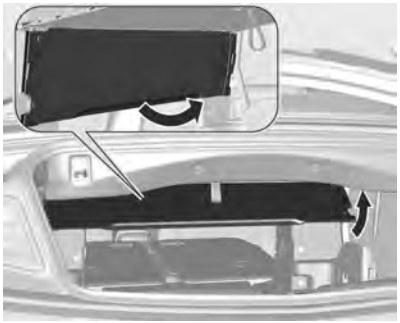
- Remove big wind deflector if installed ⇨ 36.
- Press the catches and push down the head restraints ⇨ 40.

- Pull the release switch on one or both sides of the load compartment, to fold down the backrests onto the seat cushion.
- To fold up, raise the backrest and guide it into an upright position until it engages audibly.

⚠ Warning

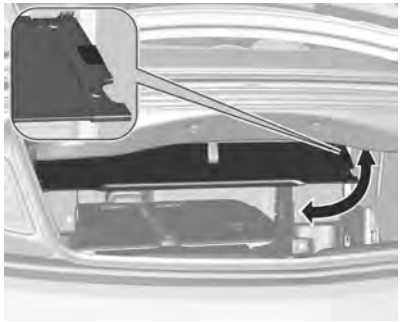
When folding up, ensure that backrests are securely locked in position before driving. Failure to do so may result in personal injury or damage to the load or vehicle in the event of hard braking or a collision.

Pass-through flap behind rear seats



For transporting long objects in the load compartment, a pass-through flap between load compartment and vehicle interior can be opened:

- Remove the installed big wind deflector or the bag with the stowed wind deflectors behind the rear seats ⇨ 36.
- Close soft top ⇨ 30.
- Push the load compartment partition at the loop area upwards to the inside ⇨ 62.



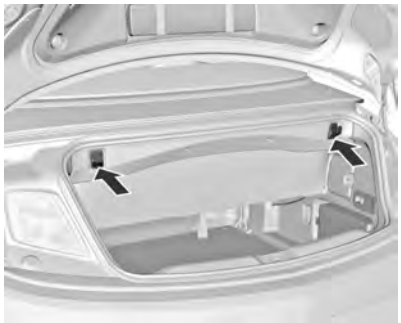
- Open the pass-through by swivelling the flap upwards to horizontal position. The flap is fixed in opened and closed position by a Velcro fastener.
- Fold down rear backrests by pulling the release switches in the load compartment.
- To close the pass-through, swivel the flap downwards and have it fixed in vertical position by the Velcro fastener.

Fold out the load compartment partition by pulling the loop downwards to the rear, in order to

open the soft top. The pass-through flap must be closed in vertical position.

Rear storage

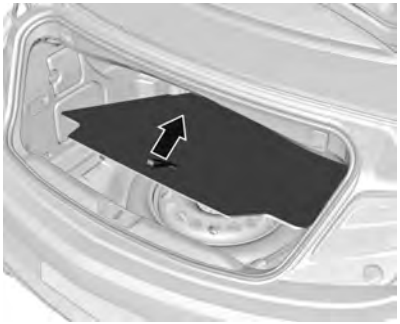
Hooks for carrier bags



Use the hooks at the upper edge of the load compartment for hanging up carrier bags. Maximum load: 5 kg.

Rear floor storage cover

Rear floor cover



The rear floor cover can be lifted and removed. Under the cover there may be the spare wheel, vehicle tools or the tyre repair kit.

Lashing eyes

The lashing eyes are designed to secure items against slippage, e.g. using lashing straps or luggage net.

Loading information

- Heavy objects in the load compartment should be placed as far forward as possible. Ensure that the backrests are securely engaged. If objects can be stacked, heavier objects should be placed at the bottom.
- Secure objects with lashing straps attached to the lashing eyes ⇨ 65.
- Use the hooks in the load compartment for hanging up carrier bags ⇨ 65. Maximum load: 5 kg per hook.
- Secure loose objects in the load compartment to prevent them from sliding.
- When transporting objects in the load compartment, the backrests of the rear seats must not be angled forward.
- Do not place any objects on the instrument panel, and do not cover the sensor on top of the instrument panel.
- The load must not obstruct the operation of the pedals, parking brake and gear selector lever, or hinder the freedom of movement of the driver. Do not place any unsecured objects in the interior.
- Do not place any objects on the covers of the anti-roll bars behind the head restraints.
- Do not drive with an open load compartment.

⚠ Warning

Always make sure that the load in the vehicle is securely stowed. Otherwise objects can be thrown around inside the vehicle and cause personal injury or damage to the load or car.

- Optional equipment and accessories increase the kerb weight.

Instruments and controls

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Controls

Steering wheel adjustment

Unlock lever, adjust steering wheel, then engage lever and ensure it is fully locked.

Do not adjust steering wheel unless vehicle is stationary and steering wheel lock has been released.

Steering wheel controls

The Infotainment system, some driver assistance systems and a connected mobile phone can be operated via the controls on the steering wheel.

See Infotainment system ⇨ 107

Driver assistance systems ⇨ 191.

Heated steering wheel

Activate heating by pressing ♨. Activation is indicated by the LED in the button.

The highlighted grip areas of the steering wheel are heated quicker and to a higher temperature than the other areas.

Heating is operational when the engine is running and during an Autostop.

Stop-start system ⇨ 178.

Horn

Press .

Windscreen wiper/washer

Windscreen wiper

HI : fast
LO : slow
INT : automatic wiping with rain sensor
OFF : off

For a single wipe when the windscreen wiper is off, press the lever down to position **1x**.

Do not use if the windscreen is frozen.

Switch off in car washes.

Automatic wiping with rain sensor

INT : automatic wiping with rain sensor

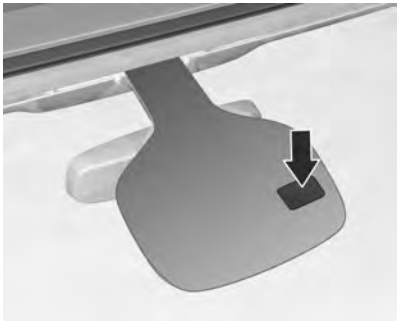
The rain sensor detects the amount of water on the windscreen and automatically regulates the frequency of the windscreen wiper.

If the wiper frequency is above 20 seconds, the wiper arm moves slightly down to the park position.

Adjustable sensitivity of the rain sensor

Turn the adjuster wheel to adjust the sensitivity:

low sensitivity : turn adjuster wheel downwards
high sensitivity : turn adjuster wheel upwards



Keep the sensor free from dust, dirt and ice.

Windscreen and headlight washer

Pull lever. Washer fluid is sprayed onto the windscreen and the wiper wipes a few times.

Xenon headlights

If the headlights are on, washer fluid is also sprayed onto the headlights, provided that the lever is pulled sufficiently long. Afterwards, the headlight washer system is inoperable for 5 wash cycles or until engine or headlights have been switched off and on again.

Outside temperature

A drop in temperature is indicated immediately and a rise in temperature after a time delay.

If outside temperature drops to 3 °C, a warning message is displayed in the Driver Information Centre.

⚠Warning

The road surface may already be icy even though the display indicates a few degrees above 0 °C.

Clock

Date and time are shown in the Info-Display.

Time and date settings

Press the **Config** button and then select the **Time and Date** menu item to display the respective submenu.

Note
If **RDS Auto Time Adjust** is activated, time and date are automatically set by the system ⇨ 116.

Set time
To adjust the time settings, select the **Set Time** menu item. Turn the multifunction knob to adjust the first setting.

Push the multifunction knob outer ring to confirm the input. The coloured background moves to the next setting.

Adjust all settings.

Set date

To adjust the time settings, select the **Set Date** menu item. Turn the multifunction knob to adjust the first setting.

Push the multifunction knob outer ring to confirm the input. The coloured background moves to the next setting.

Adjust all settings.

Time format

To choose the desired time format, select **12 hr / 24 hr Format**. Activate **12 Hour** or **24 Hour**.

Vehicle personalisation ⇨ 90.

Power outlets

A 12 Volt power outlet is located in the front console.

A further 12 Volt power outlet may be located in the rear console. Fold the cover downwards.

Do not exceed the maximum power consumption of 120 watts.

With ignition off, the power outlets are deactivated. Additionally the power outlets are deactivated in the event of low vehicle battery voltage.

Do not connect any current-delivering accessories, e.g. electrical charging devices or batteries.

Do not damage the outlet by using unsuitable plugs.

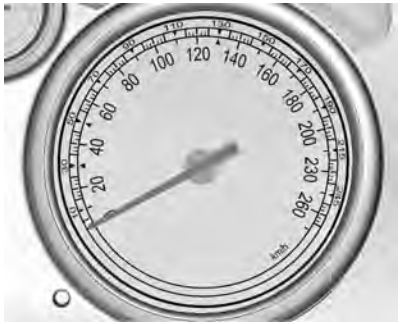
Stop-start system ⇨ 178.

Warning lights, gauges and indicators

Instrument cluster

In some versions, the needles of the instruments briefly rotate to the end position when the ignition is switched on.

Speedometer



Indicates vehicle speed.

Odometer

The bottom line displays the recorded distance in km.

Trip odometer

/ displays the recorded distance since the last reset.

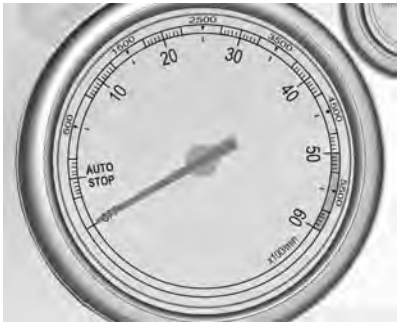
Two trip odometers are selectable for different trips. Select between page /1 and page /2 by turning the adjuster wheel on turn signal lever.

Both trip odometers can be reset separately when ignition is on: select respective page, hold the reset knob depressed for a few seconds or press **SET/CLR** on the turn signal lever.

Trip odometer counts up to a distance of 2000 km and then restarts at 0.

Driver Information Centre ⇨ 82.

Tachometer



Displays the engine speed.

Drive in a low engine speed range for each gear as much as possible for fuel saving reasons.

Caution

If the needle is in the red warning zone, the maximum permitted engine speed is exceeded. Engine at risk.

Fuel gauge

Displays the fuel level in the tank.

Control indicator ⬬ illuminates if the level in the tank is low. Refuel immediately if it flashes.

Never run the tank dry.

Because of the fuel remaining in the tank, the top-up quantity may be less than the specified tank capacity.

Engine coolant temperature gauge

Displays the coolant temperature.

left area	:	engine operating temperature not yet reached
central area	:	normal operating temperature
right area	:	temperature too high

Caution
If engine coolant temperature is too high, stop vehicle, switch off engine. Danger to engine. Check coolant level.

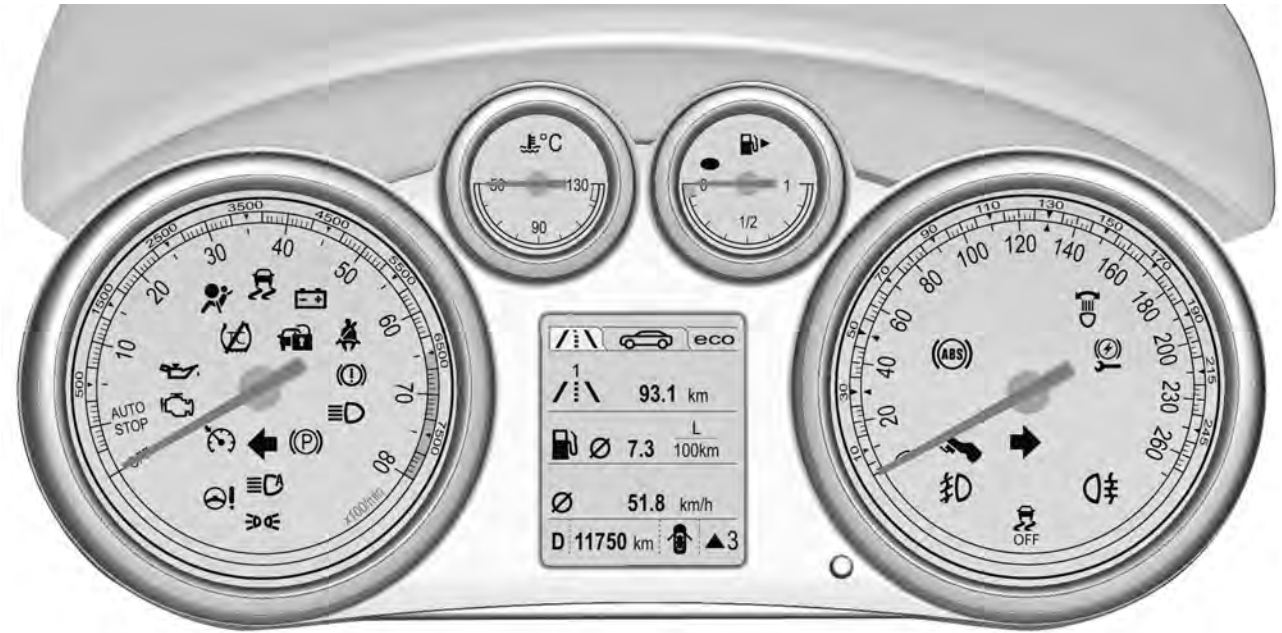
Control indicators

The control indicators described are not present in all vehicles. The description applies to all instrument versions. Depending on the equipment, the position of the control indicators may vary. When the ignition is switched on, most control indicators will illuminate briefly as a functionality test.

The control indicator colours mean:

red : danger, important reminder
yellow : warning, information, fault
green : confirmation of activation
blue : confirmation of activation
white : confirmation of activation

Control indicators in the instrument cluster



Control indicators in the centre console

Overview

Note
Not all indicators may be available.

Turn signal ⇨ 77

Seat belt reminder ⇨ 78

Airbag and belt tensioners and anti-roll bars ⇨ 78

Charging system ⇨ 78

Malfunction indicator light ⇨ 78

Brake and clutch system ⇨ 79

Operate pedal ⇨ 79

Electric parking brake ⇨ 79

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High beam ⇨ 81

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Adaptive forward lighting ⇨ 81

Fog light ⇨ 82

Rear fog light ⇨ 82

Cruise control ⇨ 82

Door open ⇨ 82

Turn signal

⇦⇨ illuminates or flashes green.

Illuminates briefly

The parking lights are switched on.

Flashes

A turn signal or the hazard warning flashers are activated.

Rapid flashing: failure of a turn signal light or associated fuse.

Bulb replacement ⇨ 216, Fuses ⇨ 224.

Turn signals ⇨ 99.

Seat belt reminder

Seat belt reminder on front seats

for driver's seat illuminates or flashes red.

[2] for front passenger seat illuminates or flashes red, when seat is occupied.

Illuminates
After the ignition has been switched on until the seat belt has been fastened.

Flashes
After having started the engine for a maximum of 100 seconds until the seat belt has been fastened.

Airbag, belt tensioners and anti-roll bars

illuminates red.

When the ignition is switched on, the control indicator illuminates for approx. 4 seconds. If it does not illuminate, does not extinguish after 4 seconds or illuminates whilst driving, there is a fault in the airbag system, in the belt tensioner or the deployable anti-roll bars. The airbags, belt pretensioners and anti-roll bars may fail to trigger in the event of an accident.

Deployment of the belt tensioners, airbags or deployable anti-roll bars is indicated by continuous illumination of .

⚠Warning

Have the cause of the fault remedied immediately by your Holden Dealer.

Airbag system, belt tensioners ⇨ 52, ⇨ 49. Rollover protection system ⇨ 39.

Charging system

illuminates red.

Illuminates when the ignition is switched on and extinguishes shortly after the engine starts.

Illuminates when the engine is running

Stop, switch off engine. Vehicle battery is not charging. Engine cooling may be interrupted. The brake servo unit may cease to be effective. Seek the assistance of a Holden dealer.

Malfunction indicator light

illuminates or flashes yellow.

Illuminates when the ignition is switched on and extinguishes shortly after the engine starts.

Illuminates when the engine is running

Fault in the emission control system. The permitted emission limits may be exceeded. Seek the assistance of a Holden dealer immediately.

Flashes when the engine is running

Fault that could lead to catalytic converter damage. Ease up on the accelerator until the flashing stops. Seek the assistance of a Holden dealer immediately.

Brake and clutch system

(!) illuminates red.

The brake and clutch fluid level is too low ⇨ 214.

⚠Warning

Stop. Do not continue your journey. Contact your Holden Dealer.

Operate pedal

illuminates or flashes yellow.

Illuminates

Brake pedal must be depressed to release the electric parking brake ⇨ 187.

Clutch pedal must be depressed to start the engine in Autostop mode. Stop-start system ⇨ 178.

Flashes

Clutch pedal must be depressed for a main start of the engine ⇨ 15, ⇨ 177.

On some versions, the operate pedal message is indicated in the Driver Information Display ⇨ 88.

Electric parking brake

(P) illuminates or flashes red.

Illuminates

Electric parking brake is applied ⇨ 187.

Flashes

Electric parking brake is not fully applied or released. Switch on ignition, depress brake pedal and attempt to reset the system by first releasing and then applying the electric parking brake. If (P) remains flashing, do not drive and seek the assistance of a Holden dealer.

Electric parking brake fault

illuminates or flashes yellow.

Illuminates

Electric parking brake is operating with degraded performance ⇨ 187.

Flashes

Electric parking brake is in service mode. Stop vehicle, apply and release the electric parking brake to reset.

⚠Warning

Have the cause of the fault remedied immediately by your Holden Dealer.

Antilock brake system (ABS)

(ABS) illuminates yellow.

Illuminates for a few seconds after the ignition is switched on. The system is ready for operation when the control indicator extinguishes.

If the control indicator does not extinguish after a few seconds, or if it illuminates while driving, there is a fault in the ABS. The brake system remains operational but without ABS regulation.

Antilock brake system ⇨ 186.

Upshift

▲ with the number of the next higher gear is indicated or is popped up as full page in the Driver Information Centre when upshifting is recommended for fuel saving reasons.

EcoFlex drive assistant ⇨ 82.

Power steering

illuminates yellow.

Illuminates with power steering reduced

Power steering is reduced due to overheating of the system. Control indicator extinguishes when the system has cooled down.

Stop-start system ⇨ 178.

Illuminates with power steering disabled

Failure in the power steering system. Consult a Holden dealer.

Electronic Stability Control off

illuminates yellow.

The system is deactivated.

Electronic Stability Control and Traction Control system

illuminates or flashes yellow.

Flashes

The system is actively engaged. Engine output may be reduced and the vehicle may be braked automatically to a small degree.

Illuminates

A fault in the system is present. A warning message appears in the Driver Information Centre. Continued driving is possible. The system is not operational. Driving stability, however, may deteriorate depending on road surface conditions.

Have the cause of the fault remedied by a Holden dealer.

Electronic Stability Control ⇨ 190, Traction Control system ⇨ 189.

Traction Control system off

illuminates yellow.

The system is deactivated.

Engine oil pressure

illuminates red.

Illuminates when the ignition is switched on and extinguishes shortly after the engine starts.

Illuminates when the engine is running

Caution

Engine lubrication may be interrupted. This may result in damage to the engine and/or locking of the drive wheels.

1. Depress clutch.
2. Select neutral gear, set selector lever to **N**.
3. Move out of the flow of traffic as quickly as possible without impeding other vehicles.
4. Switch off ignition.

⚠Warning

When the engine is off, considerably more force is needed to brake and steer. During an Autostop the brake servo unit will still be operational.

Do not remove key until vehicle is stationary, otherwise the steering wheel lock could engage unexpectedly.

Check oil level before seeking the assistance of a Holden dealer ⇨ 212.

Low fuel

illuminates or flashes yellow.

Illuminates

Level in fuel tank is too low.

Flashes

Fuel used up. Refuel immediately. Never run the tank dry.

Catalytic converter ⇨ 181.

Immobiliser

flashes yellow.

Fault in the immobiliser system. The engine cannot be started.

Exterior light

illuminates green.

The exterior lights are on ⇨ 92.

High beam

illuminates blue.

Illuminates when high beam is on or during headlight flash ⇨ 94, or when high beam is on with high beam assist or intelligent light range ⇨ 95.

High beam assist

illuminates green.

The high beam assist or intelligent light range is activated ⇨ 94, ⇨ 95.

Adaptive forward lighting

illuminates or flashes yellow.

Illuminates

Fault in system.

Seek the assistance of a Holden dealer.

Flashes

System switched to symmetrical low beam.

Control indicator flashes for approx. 4 seconds after the ignition is switched on as a reminder that the system has been activated ⇨ 95.

Automatic light control ⇨ 93.

Fog light

illuminates green.

The front fog lights are on ⇨ 99.

Rear fog light

illuminates yellow.

The rear fog light is on ⇨ 100.

Cruise control

illuminates white or green.

Illuminates white

The system is on.

Illuminates green

Cruise control is active.

Cruise control ⇨ 191.

Door open

is indicated as symbol in the Driver Information Centre when a door or the boot lid is open.

Information displays

Driver Information Centre

The Driver Information Centre is located in the instrument cluster between speedometer and tachometer.

The following main menus can be indicated in the Display and selected by pushing **MENU** on the turn signal lever. Menu symbols are indicated in the top line of the display:

- **Vehicle Information Menu**
- **Trip/Fuel Information Menu**
- **ECO Information Menu** eco

Some of the displayed functions differ depending on vehicle model, or when the vehicle is being driven or at a standstill. Some functions are only available when the vehicle is being driven.

Vehicle personalisation ⇨ 90.
Memorised settings ⇨ 20.

Selecting menus and functions

The menus and functions can be selected via the buttons on the turn signal lever.

Press **MENU** to switch between the menus or to return from a submenu to the next higher menu level.

Turn the adjuster wheel to highlight a menu option or to set a numeric value.

Press **SET/CLR** to select a function or to confirm a message.

Vehicle Information Menu

Press **MENU** to select .

Turn the adjuster wheel to select a submenu. Press **SET/CLR** to confirm.

Follow the instructions given in the submenus.

Depending on the version, the possible submenus may include:

- **Unit**: displayed units can be changed

- **Speed Warning**: if exceeding the preset speed, a warning chime will be activated

Trip/Fuel Information Menu /⁞\

Press **MENU** to select /⁞\.

Turn the adjuster wheel to select a page:

Page 1:

- trip odometer 1
- average consumption 1
- average speed 1

Page 2:

- trip odometer 2
- average consumption 2
- average speed 2

Page 3:

- digital speed
- range
- instantaneous consumption

Page 4

■ Navigation

The information of page 1 and page 2 can be reset separately for odometer, average consumption and average speed, making it possible to display different trip information. Select pages by turning the adjuster wheel on the turn signal lever.

Trip odometer 1 or 2

Trip odometer displays the recorded distance since last reset.

Trip odometer counts up to a distance of 2,000 km and then restarts at 0.

Reset trip odometer by pressing **SET/CLR** on the turn signal lever for a few seconds or by pressing the reset knob near the speedometer separately for selected page 1 or 2.

Average consumption 1 or 2

Display of average consumption. The measurement can be reset at any time and starts with a default value.

To reset, press **SET/CLR** for a few seconds separately for selected page 1 or 2.

Average speed 1 or 2

Display of average speed. The measurement can be reset at any time.

To reset, press **SET/CLR** for a few seconds separately for selected page 1 or 2.

Digital speed

Digital display of the instantaneous speed.

Range

Range is calculated from current fuel tank content and current consumption. The display shows average values.

After refuelling, the range is updated automatically after a brief delay.

When the fuel level in the tank is low, a message appears in the display.

When the tank has to be refuelled immediately, a warning message is displayed.

Additionally the control indicator ⬬ in the fuel gauge illuminates or flashes ⇨ 81.

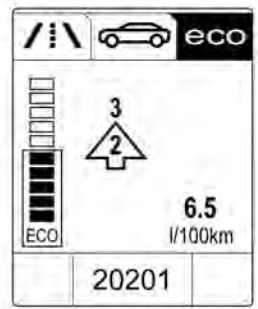
Instantaneous consumption

Displays the instantaneous consumption.

ECO Information Menu ECO

Press **MENU** to select ECO.

Turn the adjuster wheel to select a page:

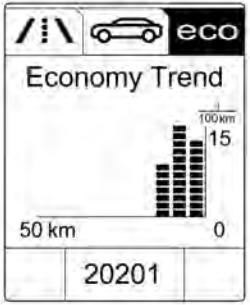


- **Shift indication**: Current gear is indicated inside an arrow. The digit above recommends upshifting for fuel saving reasons.

  Eco index display: The current fuel consumption is indicated on a segment display. For economical driving adapt your driving style to keep the filled segments within the Eco area. The more segments are filled, the higher the fuel consumption. Simultaneously the current consumption value is indicated.

- **Top Consumers**: List of top comfort consumers currently switched on is displayed in descending order. Fuel saving potential is indicated. A switched-off consumer disappears from the list and the consumption value will be updated.

  During sporadic driving conditions, the heated rear window is activated automatically to increase engine load. In this event, the heated rear window is indicated as one of the top consumers, without activation by the driver.



- **Economy Trend**: Displays the average consumption development over a distance of 50 km. Filled segments display the consumption in 5 km steps and shows the effect of topography or driving behaviour on fuel consumption.

Colour-Info-Display

The Colour-Info-Display indicates in colour:

- time ⇨ 71
- outside temperature ⇨ 70
- date ⇨ 71
- electronic climate control settings ⇨ 169
- rear view camera ⇨ 197
- Infotainment system ⇨ 104
- navigation ⇨ 134
- system settings ⇨ 116

- vehicle messages ⇨ 88
- settings for vehicle personalisation ⇨ 90

The type of information and how it is displayed depends on the equipment of the vehicle and the settings made.

Selecting menus and settings

Menus and settings are accessed via the display.

Push **CONFIG**: Menu page **Settings** is displayed.

Turn multifunction knob to:

- Select a setting or value.
- Display a menu option.

Push the multifunction knob outer ring to:

- Confirm a setting or value .
- Select or activate the marked option.
- Switch a system function on/off.

Push **BACK** to:

- Exit a menu or setting without changing.
- Return from a submenu to a higher menu level.
- Delete the last character in a character sequence. Push **BACK** for a few seconds to delete the entire entry.

To exit the **Settings** menu, push **BACK** stepwise or push **CONFIG** after confirming the changes.

Vehicle personalisation ⇨ 90.

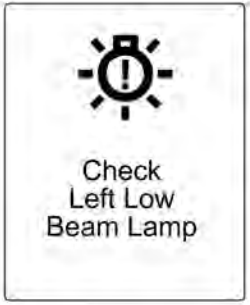
Memorised settings ⇨ 20.

Vehicle messages

Messages are indicated in the Driver Information Centre, in some cases together with a warning and signal sound.

Press **SET/CLR** , **MENU** or turn the adjuster wheel to confirm a message.

Messages in the Driver Information Centre



The vehicle messages are displayed as text. Follow the instructions given in the messages.

The system displays messages regarding the following topics:

- service messages
- fluid levels
- brakes
- ride control systems
- driver assistance systems
- cruise control
- speed limiter
- parking assist systems
- lighting, bulb replacement
- wiper/washer system
- doors, windows
- soft top
- load compartment, boot lid
- radio remote control
- seat belts
- airbag systems
- engine and transmission
- tyre pressure
- vehicle battery status

Messages in the Colour-Info-Display

Some important messages may appear additionally in the Colour-Info-Display. Push the multifunction knob outer ring to confirm a message. Some messages only pop up for a few seconds.

Warning chimes

When starting the engine or whilst driving

Only one warning chime will sound at a time.

The warning chime regarding unfastened seat belts has priority over any other warning chime.

- If seat belt is not fastened.
- If a door or the boot lid is not fully closed when starting off.
- If the soft top is not completely opened or closed.
- If the soft top lid is not completely closed.
- If the load compartment partition is folded in when operating the soft top.
- If a certain speed is exceeded with parking brake applied.
- If a certain speed is exceeded when operating the soft top.
- If a programmed speed or speed limit is exceeded.
- If a warning message appears in the Driver Information Centre.
- If the parking assist detects an object.
- If unintended lane change occurs.

When the vehicle is parked and/or the driver's door is opened

- With exterior lights on.

During an Autostop

- If the driver's door is opened.

Battery voltage

When the vehicle battery voltage is running low, a warning message will appear in the Driver Information Centre.

1. Switch off immediately any electrical consumers which are not required for a safe ride, e.g. seat heating, heated rear window or other main consumers.
2. Charge the vehicle battery by driving continuously for a while or by using a charging device.

The warning message will disappear after the engine has been started twice consecutively without a voltage drop.

If the vehicle battery cannot be recharged, have the cause of the fault remedied by a Holden dealer.

Vehicle personalisation

The vehicle's behaviour can be personalised by changing the settings in the Info-Display.

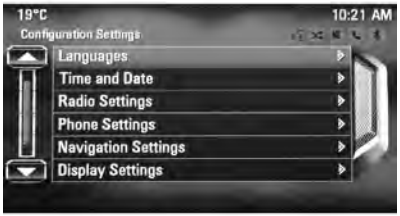
Some of the personal settings for different drivers can be memorised individually for each vehicle key. Memorised settings ⇨ 20.

Some functions are only displayed or active when the engine is running.

Settings in the Colour-Info-Display

Press **CONFIG** on the Infotainment system faceplate to enter the Configuration menu.

Turn the multifunction knob to scroll upwards or downwards in the list. Press the outer ring to select a menu item.



- **Languages**
- **Time and Date**
- **Radio Settings**
- **Phone Settings**
- **Navigation Settings**
- **Display Settings**
- **Vehicle Settings**

In the corresponding submenus the following settings can be changed:

Languages
Selection of the desired language.

Time and Date
System settings ⇨ 116.

Radio Settings
Tone settings ⇨ 114.

Phone Settings
Phone ⇨ 159.

Navigation Settings
Usage ⇨ 135.

Display Settings

- **Home Page Menu**:
  Basic operation ⇨ 112.
- **Rear Camera Options**:
  Press to adjust the rear camera options ⇨ 197.
- **Display Off**:
  System settings⇨ 116.
- **Map Settings**:
  Usage ⇨ 135.

Vehicle Settings

- **Climate and Air Quality**
  Auto Fan Speed: Modifies the level of the cabin airflow of the climate control in automatic mode.
  Air Conditioning Mode: Controls the state of the cooling

compressor when the vehicle is started. Last setting (recommended) or at vehicle start is either always ON or always OFF.

Auto Rear Demist: Activates heated rear window automatically.

- **Comfort and Convenience**

  Chime Volume: Changes the volume of warning chimes.

  Personalisation by Driver: Activates or deactivates the personalisation function.

- **Collision Detection Systems**

  Park Assist: Activates or deactivates the ultrasonic sensors.

- **Lighting**

  Vehicle Locator Lights: Activates or deactivates the entry lighting.

  Exit Lighting: Activates or deactivates and changes the duration of the path lighting function when leaving the vehicle. Regardless of this setting, the interior lights will illuminate for approximately 30 seconds.

- **Power Door Locks**

  Open Door Anti Lock Out: Activates or deactivates the automatic door locking function while a door is open.

  Auto Door Lock: Activates or deactivates the automatic door unlocking function after switching off ignition. Activates or deactivates the automatic door locking function after driving-off.

  Delay Door Lock: Activates or deactivates the delayed door locking function.

- **Remote Lock/Unlock/Start**

  Remote Lock Feedback: Activates or deactivates the hazard warning flasher feedback whilst locking.

  Remote Unlock Feedback: Activates or deactivates the hazard warning flasher feedback whilst unlocking.

  Remote Door Unlock: Changes the configuration to unlock only the driver's door or the whole vehicle whilst unlocking.

  Relock Remotely Unlocked Doors: Activates or deactivates the automatic relock function after unlocking without opening the vehicle.

- **Return to Factory Settings?**: Resets all settings to the default settings.

Lighting

Exterior lighting **92**
Light switch 92
Automatic light control 93
High beam 94
High beam assist 94
Headlight flash 95
Headlight range adjustment 95
Daytime running lights 95
Adaptive forward lighting 95
Hazard warning flashers 99
Turn and lane-change signals ... 99
Front fog lights 99
Rear fog light 100
Parking lights 100
Reversing lights 100
Misted light covers 100
Interior lighting **101**
Instrument panel illumination control 101
Interior lights 101
Reading lights 102
Sunvisor lights 102
Lighting features **102**
Entry lighting 102
Exit lighting 102
Battery discharge protection 103

Exterior lighting

Light switch

Light switch with automatic light control

Turn light switch:

AUTO : automatic light control: Headlights are switched on and off automatically depending on external lighting conditions.

⏻ : activation or deactivation of the automatic light control. Switch turns back to **AUTO**.

≡D : parking lights

≡D : headlights and parking lights

The current status of automatic light control is displayed In the Driver Information Centre.

When switching on the ignition, automatic light control is active.

When headlights are on, ≡D illuminates. Control indicator ≡D ⇨ 81.

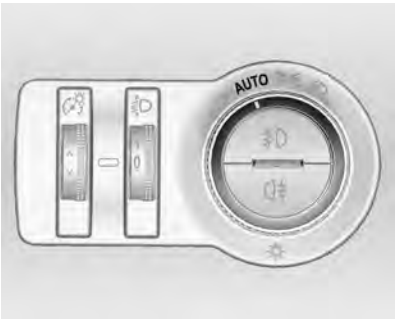
Tail lights

Tail lights are illuminated together with headlights and parking lights.

Additional lights in the boot lid frame

Additional tail light assemblies, existing of tail lights and hazard warning flasher lights, are located in the boot lid frame. They are illuminated when lights are activated and the boot lid is open. Additional tail lights are only intended as position lights when the boot lid is open. They are not to be used when driving.

Automatic light control



When the automatic light control function is switched on and the engine is running, the system switches between daytime running light and headlights automatically, depending on the lighting conditions and information given by the rain sensor system.

Daytime running light ⇨ 95.

Automatic headlight activation

During poor lighting conditions the headlights are switched on.

Furthermore the headlights are switched on if the windscreen wipers have been activated for several wipes.

Tunnel detection

When a tunnel is entered headlights are switched on immediately.

Adaptive forward lighting ⇨ 95.

High beam

To switch from low to high beam, push lever.

To switch to low beam, push lever again or pull.

⚠Warning

Always switch the high beam headlamps to low beam when you approach oncoming vehicles or when other vehicles are ahead. High beam headlamps can temporarily blind other drivers, which could result in a collision.

High beam assist

"Xenon headlights: High beam assist with adaptive forward lighting ⇨ 95 .

Halogen headlights: This feature allows high beam to function as the main driving light at night and when vehicle speed is faster than 40 km/h.

It switches to low beam when:

- A sensor detects the lights of oncoming or preceding vehicles.
- The vehicle speed is slower than 20 km/h.
- It is foggy or snowy.
- Driving in urban areas.

If there are no restrictions detected, the system switches back to high beam.

Activation

The high beam assist is activated by pushing the indicator lever twice at a speed above 40 km/h.

The green control indicator ≡D illuminates continuously when the assist is activated, the blue ≡D illuminates when high beam is on.

Control indicator ≡D ⇨ 81.

Deactivation

Push indicator lever once. It is also deactivated when front fog lights are switched on.

If a headlight flash is activated when the high beam is on, the high beam assist will be deactivated.

If a headlight flash is activated when the high beam is off, the high beam assist will remain activated.

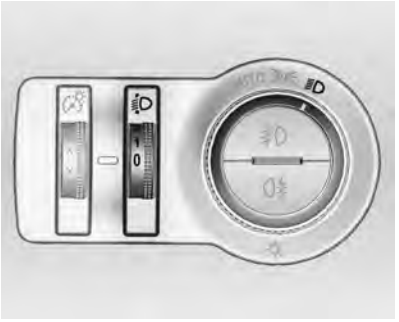
The latest setting of the high beam assist will remain after the ignition is switched on again.

Headlight flash

To activate the headlight flash, pull lever.

Headlight range adjustment

Manual headlight range adjustment



To adapt headlight range to the vehicle load to prevent dazzling: turn thumb wheel to required position.

0 : front seats occupied
1 : all seats occupied
2 : all seats occupied and load compartment laden
3 : driver's seat occupied and load compartment laden.

Dynamic automatic headlight levelling ⇨ 95.

Daytime running lights

Daytime running lights increase visibility of the vehicle during daylight.

They are switched on automatically when ignition is on.

If the vehicle is equipped with automatic light control function, the system switches between daytime running light and low/high beam automatically, depending on the lighting conditions and information given by the rain sensor system. Automatic light control ⇨ 93.

Adaptive forward lighting

The Adaptive forward lighting functions are only available with Bi-Xenon headlights. Light range, light distribution and intensity of light are variably triggered depending on the light conditions, weather and road type.

With the light switch in position **AUTO** all lighting functions are available.

The following functions are available also with light switch in position ≡D:

- dynamic curve lighting
- cornering light
- reversing function
- dynamic automatic headlight levelling

⚠ Warning

It is the responsibility of the driver to comply with local posted speed limits.

Playstreet lighting

Activated automatically at low speed up to approx. 30 km/h. The light beam is turned at an angle of 8° to the roadside.

Town lighting

Activated automatically at a speed range between approx. 40 and 55 km/h and when street lights are detected by the light sensor. The light range is reduced by an extended light distribution.

Country lighting

Activated automatically at a speed range between approx. 55 and 115 km/h. The beam of light and the brightness is different between the left and the right side.

Motorway lighting

Activated automatically at a speed above approx. 115 km/h and minimal steering movements. It switches on after a delay or directly when the vehicle is powerfully accelerated. The light beam is longer and brighter.

Adverse weather lighting

Activated automatically up to a speed of approx. 70 km/h, when the rain sensor recognises condensation or the wiper operates continuously. The range, distribution and light intensity is regulated variably depending on visibility.

Dynamic curve lighting

The light beam pivots based on steering wheel angle and speed, improving lighting in curves.

Control indicator ⇧ ⇨ 81.

Corner lighting

On tight bends or when turning off, depending on the steering angle or the turn signal light, an additional left or right reflector is switched on which illuminates the road at a right angle to the direction of travel. It is activated up to a speed of 40 km/h.

Control indicator ⇧ ⇨ 81.

Reversing function

If the headlights are on and reverse gear is engaged, both corner lights are switched on. They remain illuminated for 20 seconds after disengaging reverse gear or until driving faster than 17 km/h in a forward gear.

High beam assist

This feature allows high beam as main driving light by night and when vehicle speed is faster than 40 km/h.

It switches to low beam when:

- The camera in the windscreen detects the lights of oncoming or preceding vehicles.
- The vehicle speed is slower than 20 km/h.
- It is foggy or snowy.
- Driving in urban areas.

If there are no restrictions detected, the system switches back to high beam.

Activation

The high beam assist is activated by pushing the indicator lever twice with a speed above 40 km/h.

The green control indicator ≡D illuminates continuously when the assist is activated, the blue one ≡D illuminates when high beam is on.

Control indicator ≡D ⇨ 81.

Deactivation

Push indicator lever once. It is also deactivated when front fog lights are switched on.

If a headlight flash is activated when the high beam is on, the high beam assist will be deactivated.

If a headlight flash is activated when the high beam is off, the high beam assist will stay activated.

High beam assist is always active after the ignition is switched on.

Intelligent light ranging with automatic high beam activation

Intelligent light ranging uses the properties of Bi-Xenon headlights to extend the light range of the low beam by up to 400 metres and additionally activates automatic high beam without dazzling or disturbing oncoming or preceding traffic.

High beam is deactivated and the low beam light range is reduced to avoid dazzling when the following restrictions are detected by the front camera in the windscreen:

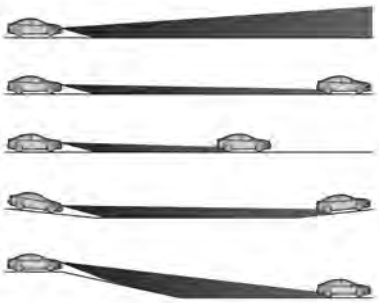
- A preceding vehicle is recognised.
- An oncoming vehicle is recognised.

- Urban areas are entered.
- It is foggy or snowy.

If there are no restrictions detected, the system switches back to high beam.

When the system is active, the front camera monitors the area ahead of the vehicle and ensures an optimum light distribution for maximum driver vision during almost all conditions.

Intelligent light ranging with automatic high beam activation therefore reduces the difference between conventional low and high beam without drastic changes in light-range, distribution and intensity.



A special topographical evaluation function detects preceding vehicles on hills or slopes by recognising the rear light moving ahead. The system adjusts the height of the light range to ensure optimum illumination on the road ahead without dazzling.

Activation

Intelligent light ranging and automatic high beam activation are switched on together by pushing the indicator lever twice. They can be switched on with ignition on.

Automatic high beam activation operates at a speed above 40 km/h and deactivates below 20 km/h. Intelligent light ranging operates above 55 km/h.

The green control indicator ≡D illuminates continuously when the function is activated, the blue one ≡D illuminates when high beam switches on automatically.

Deactivation

Push indicator lever once. It is also deactivated when front fog lights are switched on.

Dynamic automatic headlight levelling

To prevent oncoming traffic from dazzle, headlight levelling is automatically adjusted based on inclination information measured by front and rear axle, acceleration or deceleration and vehicle speed.

Fault in Adaptive forward lighting system

When the system detects a failure in the Adaptive forward lighting system, the system moves to a preset position to avoid dazzling of oncoming traffic. If this is not possible, the affected headlight will be automatically switched off. In any case, one headlight will stay on. A warning is displayed in the Driver Information Centre.

Hazard warning flashers

Operated with ⚠.

In the event of an accident with airbag deployment the hazard warning flashers are activated automatically.

Turn and lane-change signals

lever up : right turn signal
lever down : left turn signal

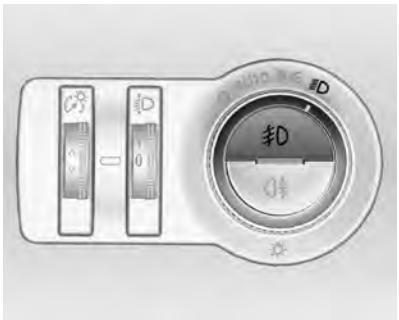
If the lever is moved past the resistance point, the turn signal is switched on constantly. When the steering wheel moves back, the turn signal is automatically deactivated.

For three flashes, e.g. when changing lanes, press the lever until resistance is felt and then release.

Move the lever to the resistance point and hold for longer indication.

Switch the turn signal off manually by moving the lever to its original position.

Front fog lights



Operated with ≢D.

Light switch in position **AUTO**: switching on front fog lights will switch headlights on automatically.

Rear fog light

Operated with ⧠.

Light switch in position **AUTO**: switching on rear fog light will switch headlights on automatically.

Light switch in position ⧠: rear fog light can only be switched on with front fog lights.

Parking lights

When the vehicle is parked, the parking lights on one side can be activated:

1. Switch off ignition.
2. Move turn signal lever all the way up (right parking lights) or down (left parking lights).

Confirmed by a signal and the corresponding turn signal control indicator.

Reversing lights

The reversing light comes on when the ignition is on and reverse gear is selected.

Misted light covers

The inside of the light housing may mist up briefly in poor, wet and cold weather conditions, in heavy rain or after washing. The mist disappears quickly by itself; to help, switch on the headlights.

Interior lighting

Instrument panel illumination control

Brightness of the following lights can be adjusted when the exterior lights are on:

- instrument panel illumination
- ambient light
- dome light
- Info-Display
- illuminated switches and operation elements

Turn thumb wheel and hold until the desired brightness is obtained.

On vehicles with light sensor, the brightness can only be adjusted when the exterior lights are on and the light sensor detects night conditions.

Interior lights

During entry and exit of the vehicle, the front and rear courtesy lights automatically switch on and then off after a delay.

Note
In the event of an accident with airbag deployment the courtesy lights are turned on automatically.

Front courtesy light

Operate rocker switch:

: automatic switching on and off
press : on
press : off

Dome light

Spotlight incorporated in the interior lighting comes on when headlights are switched on.

Ambient light

Ambient light consists of indirect lights in the doors and around the gear selector lever.

Ambient light can be dimmed using thumb wheel together with the instrument panel illumination ⇨ 101.

It is also activated with Entry lighting ⇨ 102 and Exit lighting ⇨ 102.

Reading lights

Operated with and in courtesy lights.

Sunvisor lights

Illuminates when the cover is opened.

Lighting features

Entry lighting

Welcome lighting

The following lights are switched on for a short time by unlocking the vehicle with the radio remote control:

- headlights
- tail lights
- number plate lights
- instrument panel light
- interior lights

Some functions work only in the dark and facilitates locating the vehicle.

The lighting switches off immediately when the ignition key is turned to position **1** ⇨ 177.

The following lights will additionally switch on when the driver's door is opened:

- all switches
- Driver Information Centre
- door pocket lights
- console lights

Activation, deactivation and duration of this function can be changed in the Info-Display. Vehicle personalisation ⇨ 90.

The settings can be saved for the key being used ⇨ 20.

Exit lighting

The following lights switch on if the key is removed from the ignition switch:

- interior lights
- instrument panel light (only when it is dark)
- door and console lights

They will switch off automatically after a delay and will be activated again if the driver's door is opened.

Path lighting

Headlights, tail lights and number plate lights illuminate the surrounding area for an adjustable time after leaving the vehicle.

Activating

1. Switch off ignition
2. Remove ignition key
3. Open driver's door
4. Pull turn signal lever
5. Close driver's door

If the driver's door is not closed, the path lights switch off after two minutes or if the turn signal lever is pulled a second time.

Activation, deactivation and duration of the path lighting function can be changed in the Vehicle Settings menu (Exit Lighting) in the Info-Display. Vehicle personalisation ⇨ 90.

The settings can be saved for the key being used ⇨ 20.

Battery discharge protection

Vehicle battery state of charge function

The function guarantees longest vehicle battery life via a generator with controllable power output and optimised power distribution.

To prevent discharge of the vehicle battery when driving, the following systems are reduced automatically in two stages and finally switched off:

- heated rear window and mirrors
- heated seats
- fan

In the second stage, a message which confirms activation of the vehicle battery discharge protection will be displayed in the Driver Information Centre.

Switching off electric lights

To prevent discharge of the vehicle battery when the ignition is switched off, some interior lights are switched off automatically after some time.

Infotainment system

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Introduction

General information

The Infotainment system provides you with state-of-the-art in-car infotainment.

The radio can easily be used by registering a large number of FM, AM and DAB (Digital Audio Broadcasting) radio stations with the 1...6 preset buttons.

You can connect external data storage devices, e.g. iPod, USB devices, or other auxiliary devices to the Infotainment system as further audio sources; either via cable or via Bluetooth.

The navigation system reliably guides you to your destination.

In addition, the Infotainment system is equipped with a phone application that allows for comfortable and safe use of your mobile phone in the vehicle.

Optionally, the Infotainment system can be operated using the instrument panel controls, the controls on the steering wheel or the speech recognition function.

The well-thought-out design of the control elements and the clear displays enable you to control the system easily and intuitively.

Information on operation details and news on software updates can be obtained on our website.

Note
This manual describes all options and features available for the various Infotainment systems. Certain descriptions, including those for display and menu functions, may not apply to your vehicle due to model variant, country specifications, special equipment or accessories.

Important information on operation and traffic safety

⚠Warning

The Infotainment system must be used so that the vehicle can be driven safely at all times. If in doubt, stop the vehicle and operate the Infotainment system while the vehicle is stationary.

⚠Warning

The usage of the navigation system does not release the driver from the responsibility for a correct, vigilant attitude in road traffic. The related traffic regulations must always be followed.

Only make entries (e.g. addresses) with the vehicle stationary.

If a navigation instruction contradicts traffic regulations, the traffic regulations always apply.

⚠Warning

Areas such as one-way streets and pedestrian zones are not marked on the navigation system map. In such areas, the system may issue a warning that must be accepted. Therefore, pay particular attention to one-way streets and other roads and entrances that must not be driven into.

Radio reception

Radio reception may be disrupted by static, noise, distortion or loss of reception due to:

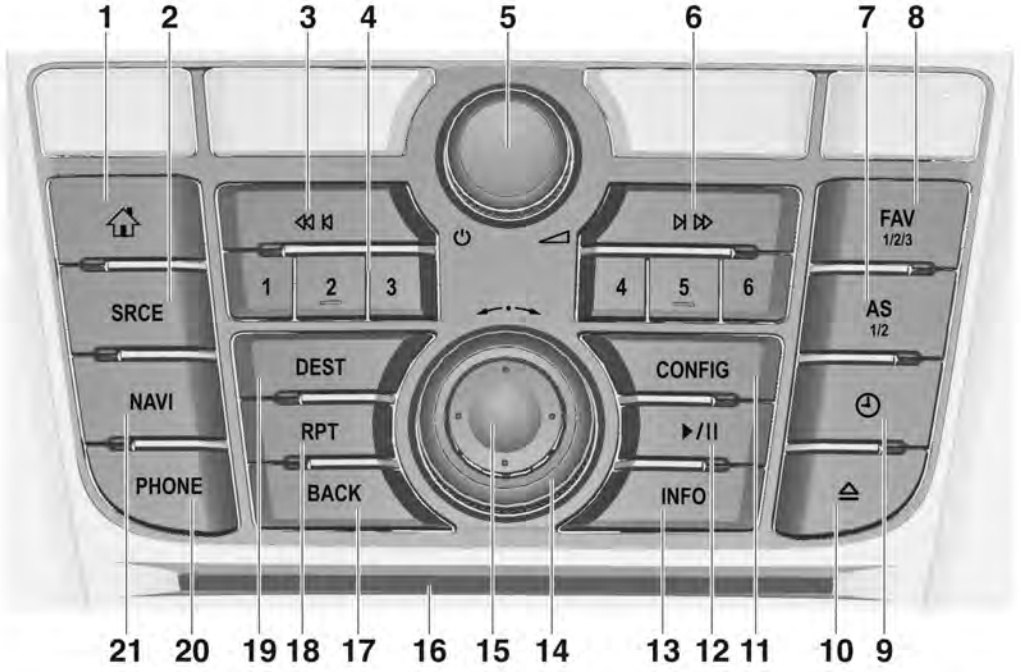
- changes in distance from the transmitter
- multi-path reception due to reflection
- shadowing

Theft-deterrent feature

The Infotainment system is equipped with an electronic security system for the purpose of theft deterrence.

The Infotainment system therefore functions only in your vehicle and is worthless to a thief.

Control elements overview



1 ⌂

Access Home Page 112

2 **SRCE** (Source)

Press to toggle through the different audio sources

CD/MP3 player 122

USB 123

AUX 123

Bluetooth 123

AM 118

FM 118

DAB 118

3 ⏮ ⏭

Radio: search backwards . . . 118

CD/MP3/WMA: skip track backwards 122

External devices: skip track backwards 125

4 Station buttons 1...6

Short press: select station . . 120

Long press: save station 120

5 ⏻

Press: switch on/off Infotainment system 110

Turn: adjust volume 110

6 ⏭ ⏩

Radio: search forwards 118

CD/MP3/WMA: skip track forwards 122

External devices: skip track forwards 125

7 **AS 1/2**

Short press: open autostore list 119

Long press: save autostore stations automatically 119

8 **FAV 1/2/3**

Open favourites list 120

9 🕘

Display clock

10 ⏏

Eject CD 122

11 **CONFIG**

Open settings menu 116

12 ▶/⏸

CD/MP3/WMA: start/ pause playback 122

External devices: start/ pause playback 125

13 **INFO**

Radio: information on current station

CD/MP3/WMA, external devices: information on current track

Navigation: information, e.g. on current location

14 Multifunction knob

Turn: mark menu options or set alphanumeric values 112

Push (the outer ring): select/activate the marked option; confirm set value; switch function on/off; open audio or navigation menu 112

15 Eight-way switch

Navigation: move display window in map view 135

16 CD slot 122

17 **BACK**

Menu: one level back 112

Input: delete last character or entire entry 112

18 **RPT**

Repeat last navigation message 147

19 **DEST**

Open navigation destination menu 138

20 **PHONE**

Take phone call or activate/deactivate mute 161

21 **NAVI**

Display map 135

Steering wheel audio controls

1 ✆

Short press: take phone call 161

or dial number in call list 161

or activate speech recognition 150

Long press: show call list 161

or activate voice pass-thru (if supported by phone) 150

2 **SRC** (Source)

Press: select audio source .. 118

With radio active: turn up/ down to select next/ previous preset radio station 118

With CD player active: turn up/down to select next/ previous CD/MP3/WMA track 122

With external device active: turn up/down to select next/previous track … 125

With phone active: turn up/ down to select next/ previous entry in call list 161

With phone active and calls waiting: turn up/down to switch between calls 161

3 +

Increase volume 110

4 –

Reduce volume 110

5 ✉

Short press: end/decline call 161

or close call list 161

or activate/deactivate mute . 110

or deactivate speech recognition 150

Usage

Control elements

The Infotainment system is operated via function buttons, a multifunction knob and menus that are shown on the display.

Inputs are made optionally via:

- the central control unit on the instrument panel ⇨ 107
- controls on the steering wheel ⇨ 107
- the speech recognition system ⇨ 150

Note

Only the most direct ways for menu operation are described in the subsequent chapters. In some cases, there may be other options.

Switching the Infotainment system on or off

Press ⏻ briefly. After switching on, the last selected Infotainment source becomes active.

Automatic switch-off

If the Infotainment system is switched on pressing ⏻ while the ignition is switched off, it switches off again automatically after 10 minutes.

Setting the volume

Turn ⏻. The current setting is shown in a pop-up at the bottom of the screen.

When the Infotainment system is switched on, the last selected volume is set, provided that the volume is lower than the maximum start-up volume.

The following volume settings can be set separately:

- the maximum start-up volume ⇨ 115
- the volume of the navigation messages ⇨ 135

Auto volume

When auto volume is activated ⇨ 115, the volume is adapted automatically to compensate for the road and wind noise as you drive.

Mute

Press **PHONE** (if Phone portal is available: press for a few seconds) to mute the audio sources.

To cancel mute again: turn ⏻ or press **PHONE** again (if Phone portal is available: press for a few seconds).

Volume limitation at high temperatures

At very high temperatures inside the vehicle, the Infotainment system limits the maximum adjustable volume. If necessary, the volume is decreased automatically.

Modes of operation

Audio players

Repeatedly press **SRCE** to toggle between the AM, FM, CD, USB, AUX, Bluetooth or DAB main menus.

For detailed descriptions of:

- CD/MP3 player ⇨ 122
- USB port ⇨ 123
- AUX input ⇨ 123
- Bluetooth audio ⇨ 123
- AM radio ⇨ 118
- FM radio ⇨ 118
- DAB radio ⇨ 121

Navigation

Press **NAVI** to display the map of the navigation application.

Push the multifunction knob outer ring to open a submenu with options for the input of destinations and the structuring of a route.

For a detailed description of the navigation functions ⇨ 134.

Phone

Press **PHONE** to display the phone main menu with options for the input or selection of numbers.

For a detailed description of the mobile phone functions ⇨ 159.

Note

Brief information on the audio sources and the current navigation session may be displayed via the **Quick Info** application.

Basic operation

Multifunction knob

The multifunction knob is the central control element for the menus.

Turn the multifunction knob:

- to mark a menu option
- to set an alphanumeric value

Push the multifunction knob (the outer ring):

- to select or activate the marked option
- to confirm a set value
- to switch a system function on/off
- to open the audio or navigation menu within the respective application

⌂ button

Press ⌂ to access the **Home Page**.

Using the multifunction knob, you may then access the different applications.

Turn the multifunction knob to select **More** at the bottom of the screen.

Push the multifunction knob outer ring to display the second **Home Page** with further applications.

Using the multifunction knob, you may then access the different applications.

Note

Most of the applications or application menus may also be directly accessed via the buttons on the instrument panel.

BACK button

Press **BACK**:

- to exit a menu or screen
- to return from a submenu to the next higher menu level
- to delete the last character in a character sequence

Examples of menu operation

Selecting a screen element

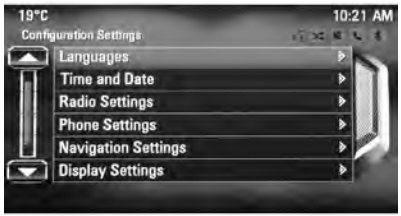
Turn the multifunction knob to move the cursor (= coloured background) to the desired option.

Push the multifunction knob outer ring to select the marked icon, screen button or menu item.

Note

In subsequent chapters the operating steps for selecting and activating a screen button or menu item will be described as "...select <button name>/<item name>".

Scrolling lists



If there are more menu items available in a list than presentable on the screen, a scroll bar is displayed.

Turn the multifunction knob clockwise to scroll downwards and anticlockwise to scroll upwards.

Note

In subsequent chapters the operating steps for scrolling to a list item will be described as "...scroll to <item name>".

Adjusting a setting

Turn the multifunction knob to change the current value of the setting.

Push the multifunction knob outer ring to confirm the set value.

Note

In subsequent chapters the operating steps for adjusting a setting will be described as "...adjust <setting name> to...".

Activating a menu item

Turn the multifunction knob to move the cursor (= coloured background) to the desired option.

Push the multifunction knob outer ring to activate the menu item. A checkmark or a point appear within the box or ring beside the respective menu item.

Note
In subsequent chapters the operating steps for activating a menu item will be described as "...activate <item name>".

Entering a character sequence
Turn the multifunction knob to select the desired character.

Push the multifunction knob outer ring to enter the respective character in the entry field at the top of the screen.

The last character in the character sequence can be deleted pressing **Del** on the screen or **BACK** on the instrument panel. Pressing and holding **BACK** deletes the entire entry.

Push the multifunction knob outer ring to confirm the selected character.

Note
In subsequent chapters the operating steps for entering characters will be described "...enter the desired characters...".

Messages
Before a system function is executed, you are sometimes prompted with a message. If requested, select one of the options.

The selection and activation of a screen button in a message function are the same as described for selecting an option in a menu.

Tone settings

Press ⌂ and then select **Next** at the bottom of the screen. On the second **Home Page**, select **Tone**. The tone settings menu is displayed.

Bass

Use this setting to enhance or attenuate the deep frequencies of the audio sources.

Adjust the setting as desired.

Mid

Use this setting to enhance or attenuate the midrange frequencies of the audio source.

Adjust the setting as desired.

Treble

Use this setting to enhance or attenuate the high frequencies of the audio sources.

Adjust the setting as desired.

EQ mode

(EQ: Equaliser)

Use this setting to optimise the tone for a specific style of music, e.g. **Rock** or **Classical**.

Select **EQ**. A submenu with predefined sound styles is displayed.

Select the desired sound style.

If one of the predefined sound styles is selected, **Bass**, **Mid** and **Treble** are preadjusted by the system.

If you manually adjust one of the settings described above, **EQ** is set to **Manual**.

Fade and Balance

When **Fade** or **Balance** are selected, an illustration is displayed on the right side of the screen.

To adjust the volume distribution between the front and rear speakers in the vehicle, select **Fade**. Adjust the setting as desired.

To adjust the volume distribution between the left and right speakers in the vehicle, select **Balance**. Adjust the setting as desired.

Volume settings

Adjusting the Auto Volume

Press **CONFIG** and then select **Radio Settings**.

Select **Auto Volume** to display the respective menu.

To adjust the degree of volume adaptation, set **Auto Volume** to **Off**, **Low**, **Medium** or **High**.

Off: no enhancement of volume with increasing vehicle speed.

High: maximum enhancement of volume with increasing vehicle speed.

Adjusting the Startup Volume

Press **CONFIG** and then select **Radio Settings**.

Select **Startup Volume** to display the respective menu.

Adjust the setting as desired.

Adjusting the Chime Volume

When operating the controls in the vehicle, beeping sounds confirm your actions. The volume of the beeping sounds may be adjusted.

Press **CONFIG** and then select **Vehicle Settings**.

Select **Comfort and Convenience** and then **Chime Volume** to display the respective submenu. Select **Low** or **High**.

Adjusting the Navigation Volume

Press **CONFIG** and then select **Navigation Settings**.

Select **Voice Prompt** and then **Navigation Volume**. The respective submenu is displayed.

To adjust the volume of the announcements, select **Announcement** and then adjust the setting as desired.

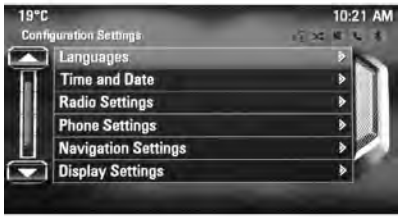
To adjust the volume of the audio source possibly playing in the background, select **Background** and then adjust the setting as desired.

Select **Volume Test** to get an audio example of the settings.

Note
While an announcement is given out, the volume may simply be adjusted pressing ⏻.

System settings

Various Infotainment system settings may be adjusted via the **Config** application.



Language settings

Press **CONFIG** and then select **Languages**. A list of all languages available is displayed.

Select the desired language.

Time and date settings

Press **CONFIG** and then select **Time and Date** to display the respective submenu.

Set time
To adjust the time settings, select **Set Time**.

Adjust the settings as desired.

Set date
To adjust the date settings, select **Set Date**. Adjust the settings as desired.

Time format
To choose the desired time format, select **12 hr / 24 hr Format**. A submenu is displayed. Activate **12 Hour** or **24 Hour**.

Software information

Press **CONFIG** and then select **Radio Settings**.

Scroll through the list and select **Software Versions Menu** to display the respective submenu.

Software version information
To display a list of all software versions installed, select **Software Version Information**.

By default, all versions are activated.

Software update
To update your system software, contact your Holden dealer.

Log file
To generate a log file of your current software version, select **Create Log File**.

Licensing information
To display information on the manufacturer of the Infotainment system, select **Licensing Information**.

Factory defaults
To reset all Infotainment settings to their factory defaults, select **Clear and Reset Radio**.

Display settings

Press **CONFIG** and then select **Display Settings** to display the respective submenu.

Home Page
Select **Home Page Menu** to display the home page settings menu.

To access the menu from the **Home Page**, select **Menu** at the bottom of the screen.

The **Home Page** may be adjusted according to your personal preferences.

Customise
The application icons displayed on the first home page may be chosen as desired.

Select **Customise** to display a list of all applications installed in the system. Activate the menu items of those applications you wish to be displayed on the first home page.

The other applications are then arranged on the following pages.

Sort
Up to eight application icons may be arranged on each home page.

The positions of the icons can be changed as desired.

Select **Sort** to display the home pages in edit mode.

Select the icon you wish to move.

Scroll to the position on the home page where you wish the icon to be located. Push the multifunction knob outer ring to confirm.

The icon is moved to the new location. The icon that was located in that position before is now displayed in the position of the moved icon.

Home page defaults
To reset the **Home Page** to its factory defaults, select **Restore Home Page Defaults**.

Display Off
To turn the display off, select **Display Off**.

To turn the display back on, press any button on the instrument panel (except the ⏻ knob).

Radio

Usage

Activating radio

Press ⌂ and then select **AM**, **FM** or **DAB**.

The station last selected is played.

Note
When an audio source is already active, you may toggle between the different audio sources by repeatedly pressing **SRCE**.

Station search

Automatic station search

Briefly press ⏮ or ⏭ to play the next station in the station memory.

Manual station search

Press and hold ⏮ or ⏭. Release the button when the required frequency has almost been reached on the frequency display.

Manual station tuning

Turn the multifunction knob to adjust the frequency.

Station lists

Press the multifunction knob to display the station list.

A list of all receivable stations on the relevant waveband is displayed.

Note
If no station list has been created beforehand, the Infotainment system performs an automatic station search.

Select the desired station.

Note
The currently received station is marked by 🔊.

Category list

Numerous DAB stations ⇨ 121 broadcast a PTY code, which specifies the type of programme transmitted (e.g. news). Some stations also change the PTY code depending on the content which is currently transmitted.

The Infotainment system stores these stations in the corresponding category list sorted by programme type.

Note
The category list submenu item is only available for the FM and the DAB wavebands.

To search for a programme type determined by the stations, select the waveband specific category list option.

A list of programme types currently available is displayed.

Select the desired programme type. A list of stations is displayed transmitting a programme of the selected type.

Select the desired station.

Note
The currently received station is marked by 🔊.

Updating the station lists

If the stations stored in the waveband-specific station list can no longer be received, the AM and the DAB station lists must be updated.

Note
The FM station list is updated automatically.

Select the corresponding list item in the waveband-specific menu to update a station list.

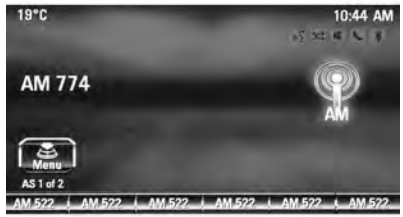
A station search is started. Once the search is finished, the station previously selected is played.

To cancel the station search, push the multifunction knob outer ring.

Note
If a waveband-specific station list is updated, the corresponding category list is also updated.

Autostore lists

The stations best received in a waveband can be stored in and selected from the autostore lists.



Each waveband has 2 autostore lists (**AS 1**, **AS 2**), in each of which 6 stations can be stored.

Note
The currently received station is highlighted.

Automatic station storing

Keep **AS** pressed until an autostore message is displayed. The 12 strongest stations in the current waveband are stored in the two autostore lists.

To cancel the autostore procedure, select **Cancel**.

Storing stations manually

Stations can also be stored manually in the autostore lists.

Set the station to be stored.

Press **AS** to open the autostore list or to switch to another autostore list.

To store the station in a list position: press the corresponding station button 1...6 until a confirmation message is displayed.

Note
Manually stored stations are overwritten in an automatic station storing process.

Retrieving a station

If required, press **AS** to open an autostore list or to switch to another autostore list.

Press one of the station buttons 1...6 to activate the station at the corresponding list position.

Favourite lists

Stations of all wavebands can be stored manually in the favourite lists.

6 stations can be stored in each favourite list. The number of available favourite lists can be set (see below).

Note
The currently received station is highlighted.

Storing a station

Set the station to be stored.

Briefly press **FAV** to open a favourite list or to switch to another favourite list.

To store the station in a list position: press the corresponding station button 1...6 until a confirmation message is displayed.

Retrieving a station

If required, briefly press **FAV** to open a favourite list or to switch to another favourite list. Press one of the station buttons 1...6 to activate the station stored in the respective location.

Defining the number of favourite lists

Press **CONFIG** and then select the **Radio Settings**. Select **Number of Favourite Pages** to display the respective submenu.

Select the number of favourite pages you wish to be displayed.

Digital audio broadcasting

Digital audio broadcasting (DAB) is an innovative and universal broadcast system.

General information

- DAB stations are indicated by the programme name instead of the broadcasting frequency.
- With DAB, several radio programmes (services) can be broadcasted on a single frequency (ensemble).
- Besides high-quality digital audio services, DAB is also able to transmit programme-associated data and a multitude of other data services including travel and traffic information.
- As long as a given DAB receiver can pick up the signal sent out by a broadcasting station (even if the signal is very weak), sound reproduction is ensured.
- There is no fading (weakening of the sound) that is typical of AM or FM reception. The DAB signal is reproduced at a constant volume.
- Interference caused by stations that are on nearby frequencies (a phenomenon that is typical of AM and FM reception) does not occur with DAB.

  If the DAB signal is too weak to be picked up by the receiver, the system switches over to the same programme on another DAB or FM station.
- If the DAB signal is reflected by natural obstacles or buildings, the reception quality of DAB is improved, whereas AM or FM reception is considerably impaired in such cases.
- When DAB reception is enabled, the FM tuner of the Infotainment system remains active in the background and continually searches for the best receivable FM stations.

DAB announcements

Besides their music programmes, lots of DAB stations also broadcast announcements of various categories.

When in the DAB main menu, push the multifunction knob outer ring to open the **DAB menu** and then select **Announcements**.

If you activate some or all categories, the currently received DAB service is interrupted when an announcement of these categories is made.

Activate the desired categories.

CD Player

General information

Important information about audio CDs and MP3/WMA CDs

The Infotainment system's CD player can play audio CDs and MP3/WMA CDs.

Caution

Under no circumstances place DVDs, single-CDs with a diameter of 8 cm or shaped CDs in the audio player.

You must not put any stickers on CDs. These discs can get jammed in the CD drive and ruin the player. Replacement of the device will then be necessary.

File formats

Audio CDs

The following CD formats can be used: CD-ROM Mode 1 and Mode 2; CD-ROM XA Mode 2, Form 1 and Form 2.

MP3 CDs

The following file formats can be used: ISO9660 Level 1, Level 2, (Romeo, Joliet).

MP3 and WMA files written in any format other than listed above may not play correctly, and their file names and folder names may not be displayed correctly.

The following restrictions apply for the data stored on an MP3/WMA CD:

Number of tracks: max. 999.

Number of folders: max. 255.

Folder structure depth: max. 64 levels (recommended: max. 8 levels).

Number of playlists: max. 15.

Number of songs per playlist: max. 255.

Applicable playlist extensions: .m3u, .pls, .asx, .wpl.

Usage

Starting CD playback

Push the CD with the labelled side facing upwards into the CD slot until it is pulled in.

CD playback starts automatically and the **CD** or **MP3 CD** main menu is displayed.

If there is already a CD inserted, but the **CD** or **MP3 CD** main menu is not active, press ⌂ and then select **CD**.

The **CD** or **MP3 CD** main menu is displayed and CD playback is started.

Depending on the data stored on the audio **CD** or **MP3 CD**, more or less detailed information on the CD and the current music track are shown on the display.

Note
When an audio source is already active, you may toggle between the different audio sources by repeatedly pressing **SRCE**.

Removing a CD

Press ⏏.

The CD is pushed out of the CD slot.

If the CD is not removed after ejection, it will be drawn back in again automatically after a few seconds.

Track List

Turn the multifunction knob to display a list of all tracks on the CD.

Note
The currently playing track is marked by 🔊.

Select the desired track.

Function buttons

Skipping to previous or next track
Press ⏮ or ⏭ once or several times to skip to the previous or next track.

Fast forwarding or rewinding
Press and hold ⏮ or ⏭ to fast forward or fast rewind the current track.

Pausing playback
Press ▶/⏸ to pause playback.

Audio menu

Push the multifunction knob outer ring to display the CD or MP3 menu.

Note
For a description of the functions in the MP3 menu ⇨ 125.

Shuffle function
To play the tracks on the CD in random order, activate **Shuffle**.

To return to the normal playing order, deactivate **Shuffle**.

External devices

General information

Sockets for the connection of external devices are located in the centre console.

Note
The sockets must always be kept clean and dry.

AUX input

It is possible to connect e.g. an iPod, Smartphone or another auxiliary device with a 3.5 mm jack plug to the AUX input. The Infotainment system can play music files contained in auxiliary devices.

When connected to the AUX input, the audio signal of the auxiliary device is transmitted via the speakers of the Infotainment system.

The volume can be adjusted via the Infotainment system. All other control functions must be operated via the auxiliary device.

Connecting a device

To connect the auxiliary device to the AUX input socket of the Infotainment system, use the following cable:

3-pole for audio source.

To disconnect the AUX device, select another function and then remove the AUX device.

USB port

An MP3 player, USB device, iPod or Smartphone can be connected to the USB port. The Infotainment system can play music files contained in auxiliary devices.

When connected to the USB port, the devices mentioned above can be operated via the controls and menus of the Infotainment system.

Note

Not all MP3 players, USB drives, iPod models or Smartphones are supported by the Infotainment system.

Connecting/disconnecting a device

Connect the device to the USB port. For the iPod, use the appropriate connection cable.

Note

If a non-readable USB device or iPod is connected, a corresponding error message will appear and the Infotainment system will automatically switch to the previous function.

To disconnect the USB device or iPod, select another function and then remove the USB storage device.

Caution
Avoid disconnecting the device during playback. This may damage the device or the Infotainment system.

Bluetooth

Bluetooth enabled audio sources (e.g. music mobile phones, MP3 players featuring Bluetooth, etc.), which support the Bluetooth music profiles A2DP and AVRCP can be connected wirelessly to the Infotainment system.

The Infotainment system can play music files contained in Bluetooth devices, e.g. iPod or Smartphone.

Connecting a device

For a detailed description on the Bluetooth connection ⇨ 159.

File formats

Audio files

Only devices formatted in the FAT32, NTFS and HFS+ file systems are supported.

Note

Some files may not be played properly. This might be due to a different recording format or the condition of the file.

Files from online shops to which Digital Rights Management (DRM) has been applied cannot be played.

The playable audio file formats are .mp3, .wma, .aac and .m4a.

When playing a file with ID3 tag information, the Infotainment system can display information, e.g. on the track title and artist.

Gracenote

The Gracenote database contains information on media data currently available on the market.

When connecting external devices, the tracks or files are recognised by the Gracenote function.

If the Gracenote normalisation function is activated, spelling mistakes in MP3 tag data are automatically corrected. Due to this, media search results may be improved.

Press **CONFIG** and then select **Radio Settings**.

Select **Gracenote Options** to display the respective submenu.

Activate the Gracenote function.

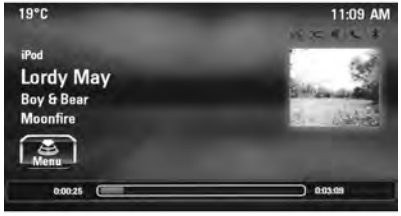
Playing audio

Starting playback

If not connected, connect the device ⇨ 123.

Press ⌂ and then select **USB**, **AUX** or **Bluetooth**.

Example: An iPod connected through USB



Function buttons

The media files on the USB and Bluetooth devices may be operated using the buttons on the instrument panel.

Skipping to previous or next track

Press ⏮ or ⏭ once or several times to skip to the previous or next track.

Fast forwarding or rewinding

Press and hold ⏮ or ⏭ to fast forward or rewind the current track.

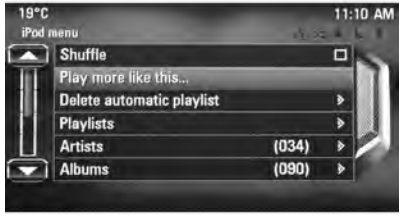
Pausing playback

Press ▶/⏸ to pause playback.

Audio menus

To display the respective audio menu, push the multifunction knob outer ring.

Note
Not all menu items are available in all audio menus.



Shuffle function

Push the multifunction knob outer ring to display the USB or Bluetooth menu.

To play the tracks on the respective device in random order, activate **Shuffle**.

To return to the normal playing order, deactivate **Shuffle**.

Browsing
(only available in USB menus)

To search for a track within the structure, select one of the menu items, e.g. **Folders**, **Play Lists** or **Albums**.

Browse through the structure until you find the desired track.

Select the track to start playback.

Individual playlists
The system allows new playlists to be created via the Gracenote function. Similar tracks are put together on a list automatically generated by the system.

Select the track around which you wish to create a new playlist.

Select **Play More Like This...** in the respective audio menu. A new playlist is created and stored in the **Play Lists** menu.

To delete a playlist generated by the system, select **Delete automatic playlist**. A list of all generated playlists is displayed. Select the playlist you wish to delete. The playlist is deleted.

Using apps

Pandora Internet Radio

Pandora® (if equipped) is a free Internet radio service that streams personalised radio stations based on artists, songs, genres, and comedians. Create stations using the Pandora website or smartphone application, then use thumbs up or thumbs down to personalise stations.

A phone or tablet with Internet connection and the Pandora application installed is required. Personal mobile phone data plans are used. Make sure the latest version is installed on the device and the volume is turned up.

To install Pandora:

- On an Android™ phone or Android Tablet, go to the Android Play Store and search for Pandora. Install to the phone, not to the SD card.
- On an iPhone®, iPad®, or iPod touch®, go to the iTunes® Store and search for Pandora.

Launching Pandora
Connect the iPhone, iPad, or iPod touch to the USB port ⇨ 123, or connect an Android phone through Bluetooth ⇨ 159. For first-time use, set up stations before connecting to the vehicle. The Pandora icon will be available on the Home Page and the source pop-up displays if the latest application is installed on the device.

Using the iPhone, iPod touch, or iPad

⚠Warning

Do not use a mobile phone or auxiliary device when driving. Stop at a safe place to use a mobile phone or auxiliary device.

1. Plug the device into the USB port. The phone screen must be unlocked.
2. Before driving the vehicle, launch the application on the device, then do one of the following:
   - Select **Pandora** on the Home Page.
   - Press ✆/🎤 and say **Tune Pandora**.

To relaunch Pandora, press **SOURCE**.

If nothing happens when the available Pandora screen button is selected, download the latest Pandora application and retry.

Pandora will always be highlighted on the Home Page when an iPhone, iPad, or iPod touch is connected using the USB port. To use, log into your account.

If the **Please See Device** message is shown, the login screen may display on the device.

If **Please unlock your phone or restart the app and try again** message is shown, your phone may be locked. Unlock the phone, close the app, then restart the app and make sure the Home Page is visible on the phone.

If the vehicle is shut off while tuned to Pandora and the iPhone, iPad, or iPod touch is left connected to the USB port before the next ignition cycle, the radio will start playing Pandora when the vehicle is started.

If Pandora is shut down on the phone or another audio app is used, Pandora may not start on the next ignition cycle. If iPod source is selected, it may show iPod and then switch to Pandora.

Using an Android Phone

⚠Warning

Do not use a mobile phone or auxiliary device when driving. Stop at a safe place to use a mobile phone or auxiliary device.

1. Pair the Android phone using Bluetooth.
2. Before driving the vehicle, launch the application on the device, then do one of the following:
   - Select **Pandora** on the Home Page.
   - Press ✆/🎤 and say **Tune Pandora**.

After Pandora has been launched, press **SOURCE** to access Pandora features.

If nothing happens when the available Pandora screen button is selected, download the latest Pandora application and retry.

If the **Please See Device** message is shown, the login screen may display on the device.

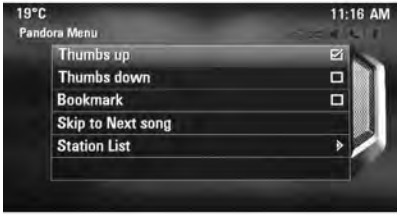
If **Please unlock your phone or restart the app and try again** message is shown, your phone may be locked. Unlock the phone, close the app, then restart the app to ensure proper communication.

Pandora Features

Pandora has features to rate tracks. skip tracks, or change stations.

Select **Menu** on the Pandora main page.

The **Pandora Menu** page is displayed with the following options:



Thumbs up: When selected, Pandora stores this information and a tick is displayed for the remainder of the track. This helps Pandora choose which tracks should play on this station.

Thumbs down: When selected, Pandora stores the information, changes to the next track, and does not play the track on this station again. This helps Pandora choose which tracks should not play on this station. This feature is only available on user-created stations.

Bookmark: Select while playing a track to bookmark either the track or the artist. Bookmarks are viewable on www.pandora.com.

Skip to Next song: When selected, Pandora changes to the next track.

Station List: Select to display the following menu.

Shuffle: Select to play the stations in random order.

User-created stations: Select to play a user-created station.

Tuning Pandora Stations

When Pandora is playing, use the control buttons on the steering wheel to tune to any Pandora station on the device.

1. Press the ✆/🎤 button on the steering wheel.
2. Say **Tune Pandora <Classic Rock> Radio**.

Pandora voice control will not work until Pandora is launched the first time during that ignition cycle.

Pandora Skip Limit

Pandora limits the number of skips allowed on their service. When the skip limit is reached, thumbs down will not skip the currently playing track, but thumbs down feedback will be recorded.

Pandora Advertisement

Pandora may display advertisements. Artist name and track title will not be displayed and the skip track button is not available.

Pandora Troubleshooting

Unable to Connect Device to Vehicle

If the device is unable to connect to USB or Bluetooth:

1. Turn the vehicle off.
2. Open and close the driver's door, wait about 30 seconds, and try to connect the device again.

Unable to Start Pandora

If the device is unable to launch Pandora:

- Check that the latest version of Pandora is installed.
- Check that there is an active account logged into Pandora.
- Have at least one station created.
- For Android, check that the device is paired with the vehicle, and the Bluetooth icon on the display is highlighted.
- For iPhone, iPod touch, or iPad devices, check that the USB cable is connected to the USB port and the screen is unlocked.
- Close Pandora on the device and launch again. Devices that allow multitasking may require an extra step to quit the Pandora application. For further information, see the mobile phone manufacturer's user guide.

Thumbs Up or Thumbs Down Error

If there is an error trying to rate a track with the thumbs up or thumbs down buttons, the message **Thumbs Down Error** or **Thumbs Up Error** will display. Select **OK** to retry.

Loss of Audio

Loss of Pandora audio can happen in different ways:

- Weak or lost data connection.
- Device needs to be charged.
- Application needs to be relaunched.
- Connection between phone and radio lost.
- If an iPhone, iPod touch, or iPad is connected to Bluetooth and the dock connector, go to the Airplay icon on the device and select dock connector or disconnect and reconnect the dock connector on the device.

- The volume is too low. Turn up the volume on the device.
- The battery saver and task manager applications on the phone can cause Pandora to function incorrectly. Remove those apps from the phone or remove Pandora and Bluetooth from the task lists.

If the connection is lost between the application and device, a message **Please unlock your phone or restart the phone app and try again** will display. Select **OK** to retry.

If selecting **OK** does not clear the issue on the phone, see **Please Unlock Your Phone or Restart Phone App and Try Again** under "Common Pandora Messages" following.

Common Pandora Messages
Please See Device: When not logged in or when authentication failed, see the device. Select **OK** to continue.

Paused or Audio Paused: Playback is paused on the radio or on the device. Select ▶/II or Play on the device.

No Stations Found: Logged in but no stations have been created. Select **OK** to continue.

Please Unlock Your Phone or Restart Phone App and Try Again: Communication failure between the radio and the phone application or the device is locked.

Devices that allow multitasking may require an extra step to quit the Pandora application. Close Pandora on the device and launch again.

Unlock the phone and check that the Home Page is shown on the phone/ device.

For further information, see the mobile phone manufacturer's user guide.

See www.pandora.com/help for more information. If the service does still not work, see your dealer for assistance.

Stitcher Internet Radio

Stitcher SmartRadio® is an Internet radio service that streams news, sports, and entertainment shows through the audio system. Create personalised, on-demand stations or discover new shows through Stitcher's preset stations. To set up an account, download the application from the Android Play Store or iTunes Store, or go to www.stitcher.com.

A phone or tablet with Internet connection is required for this application. Personal mobile phone data plans are used. Make sure the latest version is installed on the device and the volume on the device is turned up.

BlackBerry phones are not supported for this application.

To install Stitcher:

- On an Android phone or Tablet with Internet connection, go to the Android Play Store, search for Stitcher, and install to the phone, not to the SD card.
- On an iPhone, iPad, or iPod touch, go to the iTunes store and search for Stitcher.

Launching Stitcher
Connect the iPhone, iPad, or iPod touch to the USB port ⇨ 123, or connect an Android phone through

Bluetooth ⇨ 159. For first-time use, set up the stations before connecting to the vehicle.

The Stitcher icon will be available on the Home Page and source pop-up displays if the latest application is installed on the device.

Using the iPhone, iPod touch, or iPad

⚠Warning

Do not use a mobile phone or auxiliary device when driving. Stop at a safe place to use a mobile phone or auxiliary device.

1. Plug the device into the USB port. The phone screen must be unlocked.
2. Before driving the vehicle, launch the application on the device, then do one of the following:
   - Select **Stitcher** on the Home Page.
   - Press ✆/🎤 and say **Tune Stitcher**.
3. If Stitcher does not begin playing, select a category and then a station.

If nothing happens when the available Stitcher screen button is selected, download the latest Stitcher application and retry.

Stitcher will always be highlighted on the Home Page when an iPhone, iPad, or iPod touch is connected using the USB port. To use, log into your account.

If the **Please See Device** message is shown, the login screen may display on the device.

If **Please unlock your phone or restart the app and try again** message is shown, the phone may be locked. Unlock the phone, close the app, then restart the app and make sure the Home Page is visible on the phone/ device.

Using an Android Phone

⚠Warning

Do not use a mobile phone or auxiliary device when driving. Stop at a safe place to use a mobile phone or auxiliary device.

1. Pair the Android phone using Bluetooth.
2. Before driving the vehicle, launch the application on the device, then do one of the following:
   - Select **Stitcher** on the Home Page.
   - Press ✆/🎤 and say **Tune Stitcher**.
3. If Stitcher does not begin playing, select a category and then a station.

If nothing happens when the available Stitcher screen button is selected, download the latest Stitcher application and retry.

If the **Please See Device** message is shown, the login screen may display on the device.

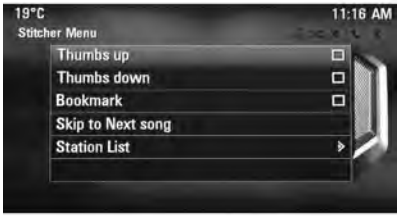
If the **Please unlock your phone or restart the app and try again** message is shown, your phone may be locked. Unlock the phone, close the app, then restart the app to ensure proper communication.

Stitcher Features

Stitcher service has features to rate or skip shows, or change stations.

Select **Menu** on the Stitcher main page.

The **Stitcher Menu** page is displayed with the following options:



Thumbs up: When selected, Stitcher stores this information and a tick is displayed for the remainder of the show. This helps Stitcher provide a personalised listening experience.

Thumbs down: When selected, Stitcher changes to the next show. This helps Stitcher provide a personalised listening experience.

Bookmark: Select and store programs as favourites on the device. Favourite station lists can be created to include favourite shows which can be accessed through My On Demand Stations.

Station List: Select to display the following menu.

My On Demand Stations: Displays a list of favourite stations and shows.

Stitcher Station Categories: Displays categories by topic.

When a category, then sub-category is selected, the radio will start playing the first program in that sub-category.

Turn the Multifunction knob to bring up the first 24 stations of that sub-category.

Current Station Playlist: While listening to a show, turn the Multifunction knob to display the menu list of shows available for the current station.

Stitcher Advertisement
Stitcher may display advertisements. Artist name and title may not display and the skip track button is not available.

Stitcher Troubleshooting
Unable to Connect Device to Vehicle
If the device is unable to connect to USB or Bluetooth:

1. Turn the vehicle off.
2. Open and close the driver door, wait about 30 seconds, and try to connect the device again.

The battery saver and task manager applications on the phone can cause Stitcher to function incorrectly. Remove those apps from the phone or remove Stitcher and Bluetooth from the task lists.

Unable to Start Stitcher
If the device is unable to launch Stitcher:

- Check that the latest version of Stitcher is installed.
- Check that there is an active account logged into Stitcher.
- For Android devices, check that the device is paired with the vehicle, and the Bluetooth icon on the display is highlighted.
- For iPhone, iPod touch, or iPad devices, check that the USB cable is connected to the USB port, the screen is unlocked, and the Home Page is showing.
- Close Stitcher on the device and launch again. Devices that allow multitasking may require an extra step to quit the Stitcher application. For further information, see the mobile phone manufacturer's user guide.

Loss of Audio
Loss of Stitcher audio can happen due to:

- Weak or lost data connection.
- Device needs to be charged.
- Application needs to be relaunched.
- Connection between phone and radio is lost.
- If any iPhone, iPod touch, or iPad is connected to Bluetooth and the dock connector, go to the Airplay icon on the device and select dock connector or disconnect and reconnect the dock connector on the device.
- The volume is too low. Turn up the volume on the device.

If the connection is lost between the application and device, a message **Please Unlock Your Phone or Restart the Phone App and Try Again** will display. Select **OK** to retry.

If selecting **OK** does not clear the issue, see **Please Unlock Your Phone or Restart Phone App and Try Again** under "Common Stitcher Messages" following.

Common Stitcher Messages
Please Try Again Later: A general error has occurred. A data connection may be unavailable due to a weak or lost signal or the Stitcher service being temporarily down. Select **OK** to continue.

Paused or Audio Paused: Playback is paused on the radio or on the device. Select ▶/II or Play on the device.

Please See Device: When not logged in or when authentication failed, see the device. Select **OK** to continue. Disconnect the phone from the radio and follow the Stitcher account login process on the phone.

No Stations Found: Logged in but no stations have been created. Select **OK** to continue.

Please Choose a New Station: The end of the station has been reached and there is no more content to play. Select a new station through the Stitcher menu.

Please Unlock Your Phone or Restart Phone App and Try Again: Communication failure between the radio and the phone application or the device is locked.

See www.stitcher.com/help for more information. If the service does still not work, send an e-mail to feedback@stitcher.com or see your dealer for assistance.

Navigation

General information

The navigation application will reliably guide you to your destination without the need to read maps.

The navigation application cannot, however, take into account traffic incidents, traffic regulations changed at short notice and hazards or problems that arise suddenly (e.g. road works).

Caution

The usage of the navigation system does not release the driver from the responsibility for a correct, vigilant attitude in road traffic. The relevant traffic regulations must always be followed. If a navigation instruction contradicts traffic regulations, the traffic regulations always apply.

Functioning of the navigation application

The position and movement of the vehicle are detected by the navigation application using sensors. The travelled distance is determined by the vehicle's speedometer signal and turning movements on bends by a gyro sensor. The position is determined by the GPS satellites (Global Positioning System).

By comparing the sensor signals with the digital maps, it is possible to determine the position with an accuracy of approx. 10 metres.

The system will also work with poor GPS reception, however, the accuracy of the determination of the position will be reduced.

After the entry of the destination address or point of interest (nearest petrol station, hotel, etc.) the route is calculated from the current location to the destination selected.

Route guidance is provided by voice commands and a direction arrow, as well as with the aid of a multi-colour map display.

Usage

Information on the map display

To display the map around the current location, you may optionally:

- Press **NAVI**.
- Press ⌂ and then select **Navigation**.

Route guidance not active

If route guidance is not active, the following information is displayed:

- In the top line: information on the audio source currently active and the time.
- Below the top line: **GPS** symbol.
- In the upper left corner: a compass that indicates the north direction.
- Map display of the area around the current position.
- Current position: indicated by a red triangle within a grey circle.
- Points of interest (POI), e.g. petrol stations, parking areas or restaurants: indicated by corresponding symbols (if activated).
- In the bottom line: street name of the current position.

Route guidance active

If route guidance is active, the following information is displayed:

- In the top line: information on the audio source currently active and the time.
- Below the top line: **GPS** symbol.
- Below the top line: name of the street to follow after the next intersection.
- In the upper left corner: a compass symbol that indicates the north direction.
- Map display of the area around the current position.

- Current position: indicated by a red triangle within a grey circle.
- Route: indicated by a blue line.
- Final destination: indicated by a black chequered flag.
- Waypoint (intermediate destination): indicated by a red diamond.
- Points of interest (POI), e.g. petrol stations, parking areas, or restaurants: indicated by corresponding symbols (if activated).
- On the right side: direction arrow and distance to the next manoeuvre.
- On the right side: remaining distance to the final destination or to the next waypoint.
- On the right side: estimated arrival time or remaining travel time.
- In the bottom line: street name of the current position.

Map manipulation

Moving the visible map section

The visible map section on the map display can be moved freely in all directions using the Eight-way switch.

The Eight-way switch in the middle of the multifunction knob may be tilted in all directions.

Tilt the switch to one side. The visible map section moves in the respective direction.

To redisplay the map around the current location, press **BACK**.

Changing the map scale

When the map is displayed, turn the multifunction knob to display a scale bar at the bottom of the screen.

Turn the multifunction knob again to adjust the scale as desired.

Changing the map mode

The map may be displayed in three (route guidance not active), or five (route guidance active) different modes, see "Map setup" below.

Repeatedly press **NAVI** to toggle between the different map modes.

Map setup

Heading indicator

Push the multifunction knob outer ring to display the **Navigation Menu**. Select **Heading Indicator** to display the respective submenu.

The following options are available:

- **2D North Up**: 2D view, north facing upwards.
- **2D Heading Up**: 2D view, driving direction facing upwards.
- **3D Heading Up**: 3D view, driving direction facing upwards.

Select the desired option.

Map modes

Push the multifunction knob outer ring to display the **Navigation Menu**. Select **Map Modes** to display the respective submenu.

The following options are available:

- **Full Map** ("Normal" view described above): Full screen map view, all functions and indication screen buttons displayed.

- **Full Glory**: Full screen map view, most functions and indication screen buttons hidden.
- **Split with Turn List**: Divided screen with map on the left and turn list on the right side.
- **Split with Turn Arrow**: Divided screen with map on the left side and turn arrow for the next turning manoeuvre on the right side.
- **Split with Media**: Divided screen with map on the left side and audio source currently active on the right side.

Select the desired option.

Displaying POIs

Push the multifunction knob outer ring to display the **Navigation Menu**.

Select **Show POIs** to display the respective submenu.

If you wish all POIs available in the system to be displayed on the map, activate **Show all POIs**.

If you do not wish POIs to be displayed on the map, activate **Hide all POIs**.

To only display specific POIs, activate **User Defined** and then activate the POI categories you wish to be displayed.

Changing screen information

The route information displayed on the screen during active route guidance may be customised.

Push the multifunction knob outer ring to display the **Navigation Menu**. Scroll through the list and select **Switch Route Time/Destination**.

Time information

If you wish to change the time information displayed, select **Switch Arrival/Travel Time** to display the respective submenu.

Activate the information setting you wish to be displayed.

Destination information

If you are in a waypoint trip, you may want to display the route information for a waypoint instead of those for the final destination.

To change the setting, select **Switch Waypoint/Destination**. A list of all destinations in the waypoint trip currently active is displayed.

Activate the information setting you wish to be displayed.

Position information

Current position

Push the multifunction knob outer ring to display the **Navigation Menu**. Select **Current Position Info**.

On the right side of the screen, the current position is displayed on the map. On the left side, the GPS coordinates of the current position are shown.

Destination position

If route guidance is active, you may display information on the destination entered.

Push the multifunction knob outer ring to display the **Navigation Menu**. Select **Destination Position Info**.

On the right side of the screen, the destination is displayed on the map. On the left side, the address and the GPS coordinates of the destination are shown.

Saving a position
The current position or a destination position may be saved in the address book.

Select **Save**. For a detailed description on saving addresses in the address book ⇨ 138.

Route simulation

The Infotainment system features a route simulation mode for test purposes.

To start the simulation mode, press **CONFIG** and then select **Navigation Settings**.

Scroll through the list and select **Route Simulation** to display the respective submenu.

Starting position
Since the simulation mode does not draw on the GPS signal providing the current position of the vehicle, a start position must be set manually.

Use Last Known Position
To set the last position provided by a GPS signal as starting point, select **Use Last Known Position**.

Use Previous Destination
To use one of the last destinations entered as starting point, select **Use Previous Destination**. The previous destinations list is displayed.

Select the desired address.

Use Specified Location
To use a specific location as starting point, select **Use Specified Location**.

Enter an address. For a detailed description ⇨ 138.

Simulation mode is started.

Cancelling simulation mode
To leave the simulation mode, press **CONFIG** and then select **Navigation Settings**.

Scroll through the list and select **Route Simulation** to display the respective submenu.

Select **Cancel Route Simulation**.

Additional route simulation menu
When route guidance is active in the simulation mode, an additional menu is displayed in the **Navigation Menu**.

Push the multifunction knob outer ring to display the **Navigation Menu**. Scroll through the list and select **Route Simulation** to display the respective submenu.

To stop the simulated route guidance, select **Stop Simulation**. The guidance process is stopped, the route guidance mode remains active.

To display the next simulated turning manoeuvre on the map, select **Next Manoeuvre**.

Destination input

The **Destination** application provides different options to set a destination for route guidance.

Press **DEST** (when route guidance is not active) to display the **Destination Entry** menu.

Manual address entry

Address Entry menu

Press **DEST** to display the **Destination Entry** menu and then select **Address Entry** to display a mask for address entry.

Select the Country entry field. A list is displayed. Select the desired country.

Select the City/Suburb entry field to display a keyboard. Enter the desired city or suburb name (see below).

Select the Street entry field to redisplay the keyboard. Enter the desired street name (see below).

You may then enter a house number or junction.

Select the House number or Junction entry field. The keyboard is redisplayed. Enter the desired number or street name (see below).

Note

If a house number is not stored in the system database, the house number closest to the destination entered is used for route calculation.

If required, confirm your input.

A confirmation menu is displayed. Select **Start Guidance** to start route guidance.

Keyboard

Depending on the function selected, the keyboards may be displayed differently.

To change the letter arrangement on the letter keyboard, select **ABC** on the left side of the keyboard. The letters are now arranged in alphabetical order.

To enter a character sequence, successively select the desired characters.

Note
When entering an address, the keyboard uses an intelligent spelling function which automatically blocks out characters that cannot occur next in the respective character sequence.

To enter special characters not available on the letter keyboard, select **ÄÖ** at the right side of the letter keyboard. The special characters keyboard is displayed. Select the desired character.

To enter numbers or symbols, select **Sym** at the right side of the special characters keyboard. The symbols keyboard is displayed. Select the desired character.

To redisplay the letter keyboard, select **ABC** at the right side of the symbol keyboard. This way you may toggle between the three keyboards.

To delete characters already entered, select **Delete** at the right side of the respective keyboard or press **BACK**.

When entering an address, a list of matching entries is automatically displayed as soon as the number of matching entries found in the address memory is equal to or less than six.

To manually display a list of matching entries for the current input, select the respective **List** screen button at the bottom of the keyboard.

To display the last five entries made, select **Last 5** at the bottom of the keyboard.

Select the desired entry from the list.

If required, select the confirmation button displayed at the bottom of the keyboard.

Points of Interest

A point of interest is a specific location that might be of general interest, e.g. a petrol station, parking area or restaurant.

The data stored within the Infotainment system contain a great number of predefined POIs which are indicated by symbols on the map.

These POIs may be selected as destinations for route guidance.

Search menu

A POI may be selected using different search masks.

Press **DEST** to display the **Destination Entry** menu and then select **Points of Interest** to display the **POI List** menu.

Select **Category:**, **Name:** or **Telephone number**. The respective search mask is displayed.

Fill out the entry fields in the respective search mask.

Category search mask
Select the Location entry field to display a list. Select the desired option.

Select the Category entry field to display a POI category list. Select the desired category and then a subcategory from the list.

Select the Sort Method entry field to display the respective submenu. Select **By Distance** or **By Name**.

Select **Search** at the bottom of the screen. A list of POIs or POI categories is displayed corresponding to the criteria entered. Select the desired menu item.

Name search mask
Select the Country entry field to display a list of all available countries. Select the desired country.

To specify the location, select the entry field for the city or suburb. A keyboard is displayed. Enter the desired name or number.

Select the Sort Method entry field to display the respective submenu. Select **By Distance** or **By Name**.

Select **Search** at the bottom of the screen. The keyboard is redisplayed.

Enter the name of the desired POI.

Telephone number search mask
Select the Country entry field to display a list of all available countries. Select the desired country.

Select the Sort Method entry field to display the respective submenu. Select **By Distance** or **By Name**.

Select the Number entry field to display a keypad. Enter the desired number.

When the respective search mask is filled out, a confirmation menu is displayed.

Select **Start Guidance** to start route guidance.

Category lists
Press **NAV** and then push the multifunction knob outer ring to display the **Navigation Menu**. Select **Nearby POIs** or **POIs Along Route**. A POI category list is displayed.

Select the desired category, subcategories and then POI.

A confirmation menu is displayed. Select **Start Guidance** to start route guidance.

Previous Destinations

The last destinations selected or entered for route guidance are stored within the system.

Press **DEST** to display the **Destination Entry** menu and then select **Previous Destinations**.

A list of the last destinations is displayed sorted in reverse chronological order.

Select the desired address from the list.

A confirmation menu is displayed. Select **Start Guidance** to start route guidance.

Address Book

The **Address Book** provides local storage space for addresses entered in the navigation application.

Storing addresses in the address book

To store an address in the address book, press **DEST** to display the **Destination Entry** menu.

Enter or select the desired address. The confirmation menu is displayed.

Select **Save**. The **Address Book Entry** mask is displayed.

Depending on the information available, the different entry fields are already filled.

To enter or modify the name of the respective location, select the Name entry field. A keyboard is displayed. Enter the desired name and confirm your input.

To modify the address, select the Address entry field. The address entry mask is displayed. Make your changes and confirm your input.

To enter or modify the phone number, select the Number entry field. A keypad is displayed. Enter the desired number.

If activated ⇨ 135, the address book entries are indicated on the map by POI icons. To change the icon indicating an address entry, select the Icon entry field. A list of all POI icons available within the system is displayed.

Scroll through the list and select the desired icon.

Select **Done** at the bottom of the entry mask. The address is stored.

Selecting addresses from the address book

Press **DEST** to display the **Destination Entry** menu and then select **Address Book**. A list of all address book entries is displayed.

Select the desired entry.

A confirmation menu is displayed. Select **Start Guidance** to start route guidance.

Editing addresses in the address book

Press **DEST** to display the **Destination Entry** menu and then select **Address Book**. A list of all address book entries is displayed.

Select the desired entry.

A confirmation menu is displayed. Select **Edit** to display the **Address Book Entry** mask.

Make your changes and confirm your input. The changes are stored in the address book.

Phone Book

Addresses stored in the phone book of the mobile phone connected may be selected as destinations.

Press **DEST** to display the **Destination Entry** menu and then select **Phone Book** . The **Phone Book Search** menu is displayed.

Select the desired first letter range to display a preselection of the telephone book entries you wish to be displayed. The phone book jumps to the position of the letter range selected.

Select the desired entry in the telephone book to display the address saved under this entry. Select the address.

Note
When the Infotainment system cannot find a valid address, you are prompted with a message.

A confirmation menu is displayed. Select **Start Guidance** to start route guidance.

Destination selection from the map

Destinations (addresses or POIs) may also be set via the map.

Press **NAVI** to display the map.

Use the Eight-way switch to centre the map around the desired destination. A red ○ is indicated on the map and the corresponding address is displayed on a label.

Push the multifunction knob outer ring to activate **Go**.

A confirmation menu is displayed. Select **Start Guidance** to start route guidance.

Note
If there is more than one POI located at the map position selected, this is indicated on the label. Activating **Go** then opens a list for selection.

My Home

You can permanently store your home address in the system.

Storing the home address

Press **DEST** to display the **Destination Entry** menu.

Enter your home address.

A confirmation menu is displayed. Select **Save as Home**.

You are prompted with a message. Confirm the message to save your home address.

Note
The home address is also stored in the address book.

Selecting the home address

Press **DEST** to display the **Destination Entry** menu and then select **My Home**.

Route guidance to the home address is started immediately.

Waypoint routes

When a destination has been entered and route guidance is active, intermediate destinations (waypoints) may be added to the route.

To set up a waypoint route during active route guidance, press **DEST** to open the **Route Menu** and then select **Destination List**. A submenu is displayed.

Adding waypoints

To add an intermediate destination, select **Add Waypoint**. The waypoint list is displayed.

Select **Add** at the position where you wish to add a waypoint. The **Destination Entry** menu is displayed.

Enter or select the desired destination. The confirmation menu is displayed.

Select **Add**. The route is recalculated and the waypoint list is redisplayed with the intermediate destination at the position selected.

Note
Up to four destinations may be stored in a waypoint list.

Deleting waypoints

To delete a waypoint, select **Delete Waypoint**. The waypoint list is displayed.

Select **Delete** next to the waypoint you wish to delete.

The waypoint is deleted and the waypoint list is redisplayed.

To delete the whole list and end route guidance, select **Delete All Destinations**.

Moving waypoints

To change the order of the waypoints in the route, select **Sort Waypoints**.

Select **Move** next to the waypoint you wish to move. The **Add Waypoint** menu is displayed.

Select **Add** at the position where you wish to drop the respective waypoint.

The route is recalculated and the order of the waypoints in the waypoint list is changed.

Favourite Routes

Storing waypoint routes

A waypoint route created (see above) may be saved as favourite route.

During an active waypoint route, press **DEST** to open the **Route Menu** and then select **Destination List**. A submenu is displayed.

Select **Save as favourite route**. A keyboard is displayed.

Enter a name for the favourite route and confirm your input.

The waypoint route is saved.

Creating new favourite routes

Press **DEST** to display the **Destination Entry** menu and then select **Favourite Routes** to display the **Favourite Route** menu.

Select **New Favourite Route** . A keyboard is displayed.

Enter a name for the favourite route and confirm your input. The **Favourite Route** menu is redisplayed.

Select the desired favourite route. A menu is displayed.

Create a waypoint route (see above).

To change the name of the respective favourite route, select **Edit Name**. The keyboard for name entry is displayed. Enter the desired name and confirm your input

To delete the respective favourite route, select **Delete Favourite**. The favourite route is deleted and the **Favourite Route** menu is redisplayed.

Selecting a favourite route

Press **DEST** to display the **Destination Entry** menu and then select **Favourite Routes** to display a list of the favourite routes saved.

Select the desired route from the list. The route confirmation menu is displayed.

To start route guidance, select **Start Guidance**.

Latitude / Longitude

The GPS coordinates of a desired location may be used to set a destination.

Press **DEST** to display the **Destination Entry** menu and then select **Latitude**.

Select the Latitude entry field to display the **Geolocation Entry** menu.

Repeatedly push the multifunction knob outer ring to adjust the first setting as desired.

Turn the multifunction knob to move to the next value to be set.

Proceed like this to set all values.

Select **BACK** to return to the next higher menu level.

Adjust the longitude values as described above.

When all GPS coordinates are entered, select **Search** at the bottom of the screen.

A confirmation menu is displayed.

To start route guidance, select **Start Guidance**.

Deleting saved destinations

To delete destinations stored in the system, press **CONFIG**, select **Navigation Settings** and then **Delete Saved Destinations**. A submenu is displayed.

Activate the menu items of the storage location you wish to be cleared.

Select **Delete**. The selected storage locations are cleared.

Guidance

Starting and cancelling route guidance

Starting route guidance

Enter or select the desired address.

A confirmation menu is displayed. Select **Start Guidance** to start route guidance.

Cancelling route guidance

When route guidance is active, press **DEST** to display the **Route Menu**.

Select **Cancel Route** to cancel the current navigation session.

Guidance instructions

Route guidance is provided by voice prompts and visual instructions on the map (if activated).

Voice prompts

Navigation voice prompts announce which direction to follow, when approaching an intersection at which you need to turn.

Press **CONFIG** and then select **Navigation Settings**.

Select **Voice Prompt** to display the respective submenu.

If you wish the system to audibly indicate the next turning manoeuvre, activate **Navigation Voice Prompts**.

To adjust the volume during voice prompts, select **Navigation Volume**. The respective submenu is displayed.

To adjust the volume of voice prompts, select **Announcement** and then adjust the setting as desired.

To adjust the volume of the audio source possibly playing in the background, select **Background** and then adjust the setting as desired.

Select **Volume Test** to get an audio example of the settings.

Guidance alerts

Guidance alerts show in a close-up view of the respective map section which direction to follow when approaching an intersection at which you need to turn.

Press **CONFIG** and then select **Navigation Settings**.

Select **Guidance Alert** to display the respective submenu.

If you wish the display to automatically show the map when approaching the next turning manoeuvre, activate **Guidance Alert in Primary**.

If you wish turning manoeuvres to be displayed in a close-up view, activate **Guidance Alert in Map**.

Route tracking

The bread crumbs function allows tracking of the roads already taken in a route.

Press **CONFIG** and then select **Navigation Settings**. Select **Bread Crumbs** to display the respective menu.

To start a tracking session, activate **Record**. The route taken is recorded and displayed as dotted line on the map.

To delete the bread crumbs already dropped in an active tracking session, select **Delete**. You are prompted with a message. Confirm the message to delete all bread crumbs.

To end the tracking session, deactivate **Record**. A keyboard is displayed.

Enter a name for the respective tracking session and select **Done**. The session is stored in the **Saved** list.

To display a list of all tracking sessions, select **Saved**. Select the desired tracking session to display the **Bread Crumb Details** menu.

To change the name of the respective tracking session, select **Edit Name**. A keyboard is displayed. Enter the desired name and select **Done**.

Select **Load** to display the bread crumb main menu. If you wish the respective tracking session to be constantly displayed on the map, activate **Display**.

To directly display the whole tracking session in the respective map section, select **Show on Map**.

To delete the respective tracking session, select **Delete**.

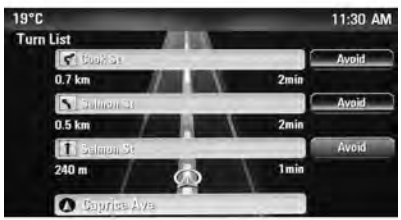
Routing

When a route has been calculated, you may manually change certain parts or recalculate the whole route.

Turn List

The **Turn List** displays all streets and turning manoeuvres on the calculated route starting from the current location.

Press **DEST** and then select **Turn List**. The turn list is displayed.



To exclude certain streets from the route, select **Avoid** next to the respective street.

The route is recalculated and the respective street is excluded.

Avoid List

When streets have been excluded from the original route, they are displayed in the **Avoid List**.

Press **DEST** and then select **Avoid List** to display the respective submenu.

To display all streets avoided, select **View List**.

To delete all avoidances and return to the original route, select **Delete All Items**.

Detour

Press **DEST** and then select **Detour**.

To change the route for a certain distance, select **Detour By Distance**. A menu listing different distances is displayed.

Select the desired distance. The route is recalculated accordingly.

To block the whole route, select **Detour Complete Route**. The original route is blocked and a new route to the desired destination is calculated.

Exit list

To display a list of the next exits and motorway stations while driving on a motorway, press **NAV** and then push the multifunction knob outer ring to display the **Navigation Menu**.

Scroll through the list and select **Exit List**.

Route options

When route guidance is active, press **DEST** and then select **Route Options**.

A list of route calculation options and road types is displayed.

To define by what criteria a route may be calculated, activate one of the options: **Fastest** for the fastest route (in time), **Shortest** for the shortest route (in distance) or **Eco** for the route with the lowest fuel consumption.

To define which road types may be included in the calculation of the route, activate the desired options: highways, tollroads, ferries, etc.

Speech recognition

General information

Embedded speech recognition

The speech recognition of the Infotainment system enables you to operate various functions of the Infotainment system via voice input. It recognises commands and numeric sequences independently of the relevant speaker. The commands and numeric sequences can be spoken without a pause between the individual words.

In the event of incorrect operation or commands, the speech recognition gives visual and/or acoustic feedback and requests you to re-enter the desired command. Apart from this, the speech recognition acknowledges important commands and will enquire if necessary.

In general, there are different ways to speak commands for completing the tasks. Most of them, except destination entry and voice keypad, can be completed in a single command.

If the action takes more than one command to be performed, proceed as follows:

In the first command, you indicate the type of action to be performed, e.g. "Navigation destination entry". The system replies with prompts that lead you through a dialogue for entering the necessary information. For example, if a destination for route guidance is needed, say "Navigation" or "Destination entry".

Note
To ensure that conversations inside the vehicle do not lead to unintentional triggering of the system functions, the speech recognition does not start until it has been activated.

Language support

- Not all languages available for the display of the Infotainment system are also available for the speech recognition.
- If the currently selected display language is not supported by the speech recognition, speech recognition is not available.

  In such a case you must select another language for the display if you want to control the Infotainment system via voice input. Changing the display language, see "Language" in chapter "System settings" ⇨ 116.

Input order for destination addresses
The order in which the parts of an address need to be entered using the speech recognition system are given out by the system.

Voice pass-thru application

The voice pass-thru application of the Infotainment system allows access to the speech recognition commands on your smartphone. See operating instructions for your smartphone to find out whether your smartphone supports this feature.

Usage

Embedded speech recognition

Activating speech recognition

Note
Speech recognition is not available during an active phone call.

Press 🎤 on the right side of the steering wheel.

The audio system mutes, 🎤 on the display is highlighted, and a voice output message prompts you to say a command.

As soon as the speech recognition is ready for voice input, a beep is heard.

You can now say a voice command to directly initiate a system function (e.g. playing a radio station), or to start a dialogue sequence with several dialogue steps (e.g. entering a destination address), see "Operation via speech commands" further below.

After a dialogue sequence is finished, the speech recognition is deactivated automatically. To initiate another dialogue sequence, you must activate the speech recognition again.

Adjusting the volume of voice prompts

Press + or − on the right side of the steering wheel.

Interrupting a voice prompt

As an experienced user, you can interrupt a voice prompt by briefly pressing 🎤 on the steering wheel.

A beep is heard immediately, and a command can be stated without having to wait.

Cancelling a dialogue sequence

There are several possibilities to cancel a dialogue sequence and to deactivate the speech recognition:

- Say "**Cancel**" or "**Exit**".
- Press ↩ on the right side of the steering wheel.

In the following situations a dialogue sequence is automatically cancelled:

- If you do not say any commands for some time (by default you are prompted three times to say a command).
- If you say commands that are not recognised by the system (by default you are prompted three times to say a correct command).

Operation via speech commands

The speech recognition can understand commands that are either naturally stated in sentence form, or direct commands stating the application and the task.

For best results:

- Listen for the voice prompt and wait for the beep before saying a command or replying.
- Say "**Help**" if you want to listen again to the help prompt for the current dialogue step.

- The voice prompt can be interrupted by pressing 🎤 again. If you wish to directly speak your command, press 🎤 twice.
- Wait for the beep and then speak the command naturally. In most cases, recognition rates will be higher if pauses are kept to a minimum. Use short and direct commands.

Usually phone and audio commands can be spoken in a single command. For example, "Call David Smith at work", "Play" followed by the artist or song name, or "Tune to" followed by the radio frequency and the waveband.

Navigation destinations, however, are too complex for a single command. First, state "Navigation" and then, e.g. "Address" or "Point of Interest". The system responds with requesting more details.

After saying "Point of Interest", only major chains may be selected by name. Chains are businesses with at least 20 locations. For other POIs, say the name of a category, e.g. "Restaurants", "Shopping centres", or "Hospitals".

Direct commands are easier understood by the system, e.g. "Call 01234567".

If you say "Phone", the system understands that a phone call is requested and responds with respective questions until enough details are gathered. If the phone number has been saved with a name and a place, the direct command should include both, for example "Call David Smith at work".

Selecting list items

When a list is displayed, a voice prompt asks to confirm or select an item from that list. A list item may be manually selected, or by speaking the line number of the item.

The list on a speech recognition screen functions the same as a list on other screens. Manually scrolling the list on a screen during a speech recognition session suspends the current speech recognition event and plays a prompt like "Make your selection from the list using the manual controls, or press **BACK** on the faceplate to try again".

If no manual selection is made within 15 seconds, the speech recognition session terminates, you are prompted with a message, and the former screen is redisplayed.

The "Back" command

To return to the previous dialogue step, alternatively: say "**Back**", or press **BACK** on the instrument panel.

The "Help" command

After saying "**Help**", the help prompt for the current dialogue step is read aloud.

To interrupt the help prompt, press 🎤 again. A beep is heard. You may say a command.

Voice pass-thru application

Activating the voice pass-thru speech recognition

Press and hold 🎤 on the right side of the steering wheel until a speech recognition session is started.

Find further information in the operating instructions for your smartphone.

Adjusting the volume of voice prompts
Press + or − on the right side of the steering wheel.

Deactivating the voice pass-thru speech recognition
Press ↩ on the right side of the steering wheel. The speech recognition session is ended.

Speech commands overview

The table below contains an overview of the most important speech commands.

Menu	Action	Speech commands
All menus	Confirming a system question	"(Yes | Right | OK | Yeah | Yep | Correct)"
	Negating a system question	"(No | Incorrect | Wrong | Nope)"
	Cancelling a session	"Cancel"
	Returning to previous step	"([Go] Back | Return | Previous)"
	Asking for assistance	"(Help | Assistance) | (Help | Assist) Me" "More Commands"
	Activating or deactivating "Verbose"	"[Set] Verbose On" "[Set] Verbose Off"
	Requesting the current music source	"("What's" | What is) playing [now]"

Menu	Action	Speech commands
Radio menu	Selecting a waveband	"[Tune [to] | Select] F M [Radio]" "[Tune [to] | Select] A M [Radio]" "[Tune [to] | Select] D A B [Radio]"
	Selecting a station	"Tune F M …" "Tune A M …" "Tune D A B …"
Media menu	Selecting a media source	"[Play | Select] C D" "[Play | Select] U S B" "[Play | Select] [Front] AUX" "[Play | Select] Bluetooth Audio"
	Selecting a search category	"Play Artist ..." "Play Album …" "Play Genre …" "Play Folder …" "Play Playlist …" "Play Composer …" "Play Audiobook …"
	Selecting a song	"Play Song …"

Menu	Action	Speech commands
Navigation menu	Entering a destination	"Directed [Destination] Address [entry] | (enter | go to | navigate to) [Destination] Address Directed"
		"(Navigation | Destination)", "[Destination] Address [entry] | (Enter | Go to | Navigate to) [Destination] Address"
		"(Navigation | Destination)", "[Destination] (Intersection | Junction)"
	Entering a POI	"(Navigation | Destination)", "(P O I | (Place | Point) of Interest)"
		"(Navigation | Destination)", "(P O I | (Place | Point) of Interest) (nearby | near me)"
		"(Navigation | Destination)", "(P O I | (Place | Point) of Interest) (around | near) destination"
		"(Navigation | Destination)", "(P O I | (Place | Point) of Interest) along [the] (route | way)"
	Entering the home address	"(Navigation | Destination)", "[Go] [to] Home"
	Asking for the current location	"(Navigation | Destination)", "Where am I| [My] Current Location | What is My Current Location"

Menu	Action	Speech commands
Navigation menu	Adding a waypoint	"(Navigation | Destination)", "Add Waypoint Directed Address" "(Navigation | Destination)", "Add Waypoint ([Destination] Address [entry] | (Enter | Go to | Navigate to) [Destination] Address)" "(Navigation | Destination)", "Add Waypoint (P O I | (Place | Point) of Interest)" "(Navigation | Destination)", "Add Waypoint (Intersection | Junction)" "(Navigation | Destination)", "Add Waypoint [(Go | Navigate) to] Contact" "(Navigation | Destination)", "Add Waypoint [(Go | Navigate) [to]] Home"
	Deleting a waypoint	"(Navigation | Destination)", "Delete Waypoint"
	Cancelling route guidance	"(Navigation | Destination)", "(Stop | Cancel | Turn Off | End) (Navigation | [My] [Current] Route | Directions | Route Guidance)"
	Activating/ deactivating voice guidance	"[Set | Turn] Voice Guidance On" "[Set | Turn] Voice Guidance Off"

Menu	Action	Speech commands
Phone menu	Pairing device	"(Pair | Connect) [Device]"
	Dialling a number	"Digit Dial" "(Call | Dial | Ring) …"
	Redialling the last number	"Redial [Last Number]"
	Erasing digits	"(Clear | Erase)" "(Clear | Erase) All"
	Reading a text message	"[Read] (Messages | Texts | S M S)"

... : dynamic spacer stands for the specific names to be inserted in that position

| : vertical bar separates alternatives

( ) : round brackets embrace alternatives

[ ] : square brackets designate optional parts in a command

, : comma separates necessary steps in a sequence

Phone

General information

The Phone portal provides you with the possibility of having mobile phone conversations via a vehicle microphone and the vehicle loudspeakers as well as operating the most important mobile phone functions via the Infotainment system in the vehicle. To be able to use the Phone portal, the mobile phone must be connected with it via Bluetooth.

The Phone portal can be operated optionally via the speech recognition system.

Not all Phone portal functions are supported by every mobile phone. The possible phone functions depend on the relevant mobile phone and network provider. You will find further information on this in the operating instructions for your mobile phone or you can enquire about them with your network provider.

Important information for operation and traffic safety

⚠Warning

Mobile phones have effects on your environment. For this reason safety regulations and directions have been prepared. You should be familiar with the related directions before you use the telephone function.

⚠Warning

Use of the hands-free facility while driving can be dangerous because your concentration is reduced when telephoning. Park your vehicle before you use the hands-free facility. Follow your local regulations.

Do not forget to follow the special regulations that apply in specific areas and always switch off the mobile phone if the use of mobile phones is prohibited, if interference is caused by the mobile phone or if dangerous situations can occur.

Bluetooth

The Phone portal is certified by the Bluetooth Special Interest Group (SIG).

You will find further information about the specification on the Internet at http://www.bluetooth.com

Bluetooth connection

Bluetooth is a radio standard for the wireless connection of e.g. mobile phones, iPod/iPhone models, or other devices.

To be able to set up a Bluetooth connection to the Infotainment system, the Bluetooth function of the Bluetooth device must be activated. For further information, please consult the operating instructions for the Bluetooth device.

Via the **Bluetooth** menu, pairing (PIN code exchange between Bluetooth device and Infotainment system) and connecting of the Bluetooth devices to the Infotainment system are carried out.

Important information

- Up to five devices can be paired to the system.
- Only one paired device can be connected to the Infotainment system at a time.
- Pairing normally only needs to be carried out once, unless the device is deleted from the list of paired devices. If the device has been connected previously, the Infotainment system establishes the connection automatically.
- Bluetooth operation considerably drains the device's battery. Therefore, connect the device to the power outlet for charging.

Bluetooth menu

To open the **Bluetooth** menu, press **CONFIG**. Select **Phone Settings** and then **Bluetooth**.

The menu items **Device list** and **Pair device** are displayed.

Pair device

To initiate the pairing process on the Infotainment system, select **Pair device**. A message with a four-digit Infotainment system code is displayed.

Initiate the pairing process on the Bluetooth device. If required, enter the Infotainment system code on the Bluetooth device.

A six-digit PIN code for the pairing process is displayed on the Infotainment system.

To confirm the pairing process:

- If SSP (secure simple pairing) is supported:

  Compare the PIN codes displayed on the Infotainment system and on the Bluetooth device (if demanded) and confirm the message on the Bluetooth device.
- If SSP (secure simple pairing) is not supported:

  Enter the PIN code on the Bluetooth device and confirm your input.

The devices are paired and the phone main menu is displayed.

The phone book and call lists (if available) are downloaded from the Bluetooth device.

If required, confirm the corresponding message on the Bluetooth device.

Device list

The device list contains all Bluetooth devices paired to the Infotainment system.

If a new device is paired, it is displayed in the device list.

Connecting a device

Select the device you wish to connect. A submenu is displayed.

Select **Select**.

The device previously connected is disconnected and this device is connected.

Deleting a device

Select the device you wish to delete. A submenu is displayed.

Select **Delete**.

The device is deleted.

Emergency call

⚠Warning

Connection setup cannot be guaranteed in all situations. For this reason you should not rely exclusively on a mobile phone when a vitally important communication (e.g. a medical emergency) is concerned.

In some networks it may be necessary for a valid SIM card to be properly inserted in the mobile phone.

⚠Warning

Bear in mind that you can make and receive calls with the mobile phone, if it is in a service area with a sufficiently strong signal. Under certain circumstances emergency calls cannot be made on all mobile phone networks; it is possible that they cannot be made when certain network services and/or telephone functions are active. You can enquire about this with the local network operators.

Making an emergency call

Dial the emergency call number (e.g. **000**).

The telephone connection to the emergency call centre is set up.

Answer when the service personnel questions you about the emergency.

⚠Warning

Do not end the call until you are requested to do so by the emergency call centre.

Operation

As soon as a connection via Bluetooth has been set up between your mobile phone and the Infotainment system, you can also operate many functions of your mobile phone via the Infotainment system.

After setting up a connection between the mobile phone and the Infotainment system, the mobile phone data is transmitted to the Infotainment system. This can take some time depending on the phone model. During this period, operation of the mobile phone is possible via the Infotainment system only to a limited extent.

Not every telephone supports all functions of the phone application. Therefore, deviations from the range of functions described are possible.

Phone main menu

To display the phone main menu, press **PHONE**. The following screen is displayed (if a mobile phone is connected).

Initiating a phone call

Entering a number

Press **PHONE** and then select **Enter number**. A keypad is displayed.

Enter the desired number.

Select **Del** on the screen or press **BACK** on the instrument panel to delete the last digit entered.

Select ► or ◄ to move the cursor within the number already entered.

To start dialling, select **OK**.

Note
You may access the phone book from the keypad by pressing **PB**.

Phone book

Press **PHONE** and then select **Phone Book**. The **Phone Book Search** menu is displayed.

Select the desired first letter range to display a preselection of the telephone book entries you wish to be displayed. The phone book jumps to the position of the letter range selected.

Select the desired entry in the telephone book to display the numbers saved under this entry.

Select the desired number to start dialling.

Phone book sorting

The phone book may be sorted by last name or by first name.

To change the sorting order, select **PHONE** and then **Phone Settings**.

Select **Sort Order** to display the respective submenu.

Activate the desired option.

Call lists

Press **PHONE** and then select **Call Lists**. The **Call Lists** menu is displayed.

Select the desired call list. Depending on the list selected, the last incoming, outgoing or missed calls are displayed.

Select the desired entry in the call list to start dialling.

Incoming calls

When a call comes in, a message is displayed on the screen.

To take the call, select **Answer**.

To reject the call, select **Decline**.

Functions during a phone call

When a call is active, the in-call view is displayed.

Ending a phone call

To end the call, select **Hang up**.

Muting a call

To temporarily mute the microphone, activate **Mute call**.

Deactivate **Mute call** to unmute the microphone.

Transferring to handset

Select **Transfer to Handset** to transfer the call to the mobile phone. The **Private Call** menu is displayed.

To transfer the call back to the Infotainment system, select **Transfer call** in the **Private Call** menu.

Second phone call

Initiating a second phone call

While a call is active, select **Enter number** in the in-call view. The keypad is displayed. You may enter a number or select a number from the phone book, see above.

Second incoming phone call

When a second call comes in, a message is displayed at the bottom of the screen.

Select the desired option.

If the call is taken, the first call is put on hold and the second call becomes active.

Both calls are displayed in the in-call view.

To switch between the calls, select **Switch calls**.

Conference call

Select **Merge calls** to activate both calls at the same time.

Merge calls changes to **Detach call**.

To end a conference call, select **Detach call**.

Ending phone calls

In a conference call, select **Hang up** to end both phone calls.

Text messages

As soon as a connection via Bluetooth has been set up between your mobile phone and the Infotainment system, you can operate the messages inbox of your mobile phone via the Infotainment system.

Not every phone supports the text messages function of the Infotainment system.

Activating the messages application on the mobile phone

The transmission of text message data to the Infotainment system must be activated on the mobile phone.

After connecting to the Infotainment system you may be prompted with a message on your mobile phone requesting permission to access the mobile phone text messages via the Infotainment system. Confirm the message.

If no message is displayed, access the Bluetooth menu on your mobile phone, select the name of the Infotainment system and activate the corresponding access function.

Note
Find detailed information for granting access on different mobile phones on our website, http://www.holden.com.au/ownership/techconnect.

The **Messages** icon in the Home menu of the Infotainment system is then selectable.

Incoming text message

When a new text message is received, you are prompted with a message indicating the name or number of the sender.

Select one of the options in the message.

Listen
If you wish the system to read out the message, select **Listen**.

View
To display the message on the screen, select the respective screen button.

Note
Messages are only displayed on the screen when the vehicle is stopped.

Dismiss
To dismiss the message, select the respective screen button.

Reply
To directly answer the message, select **Reply**. A list of predefined messages is displayed.

Select the desired message and confirm your input.

The message is sent.

Note
New predefined messages may be created in the settings menu.

Call
To call the sender of the text message, select **Call**.

Inbox

Press ⌂ and then select **Messages** to display the respective menu.

Select **Inbox** to display a list of all inbox messages.

Select the desired message. The message is displayed on the screen.

Note
Messages are only displayed on the screen when the vehicle is stopped.

If desired, select one of the options at the bottom of the screen (see above).

Settings

Press ⌂ and then select **Messages** to display the respective menu.

Select **Settings** to display the respective submenu.

Adjust the settings as desired.

Mobile phones and CB radio equipment

Installation instructions and operating guidelines

The vehicle specific installation instructions and the operating guidelines of the mobile phone and handsfree manufacturer must be observed when installing and operating a mobile telephone.

Recommendations for fault-free operation:

- The exterior antenna needs to be professionally installed to obtain the maximum range possible.
- Maximum transmission power: 10 watts.
- The mobile phone needs to be installed in a suitable spot. Consider the relevant notes in the Airbag system chapter ⇨ 52.

Seek advice on predetermined installation points for the external antenna or equipment holder and ways of using devices with a transmission power exceeding 10 watts.

Use of a handsfree attachment without external antenna with mobile telephone standards GSM 900/1800/1900 and UMTS is only permitted if the maximum transmission power of the mobile telephone is 2 watts for GSM 900 or 1 watt for the other types.

For reasons of safety, do not use the phone while driving. Even use of a handsfree set can be a distraction while driving.

⚠Warning

Operation of radio equipment and mobile telephones which fail to meet above mentioned mobile telephone standards is only permitted using an antenna located outside of the vehicle.

Caution

Mobile telephones and radio equipment may lead to malfunctions in the vehicle electronics when operated inside the vehicle with no exterior antenna, unless the above mentioned regulations are observed.

Frequently asked questions

Speech recognition

? The speech recognition function does not work very well. How can I improve its performance?

! Wait for the beep and then try to speak the command naturally. Avoid long pauses, use little accentuation and speak at a moderate volume.

Detailed description ⇨ 151.

? The voice prompts given out by the speech recognition system are too long. How can I interrupt them to directly speak a command?

! To interrupt the voice prompt of the speech recognition system, press 🎤 on the steering wheel. Wait for the beep and then speak your command.

Detailed description ⇨ 151.

? I cannot select a phone contact via speech recognition. What am I doing wrong?

! The Infotainment system accesses the phone book entries as they are stored. If the sorting order is set to "last name, first name", the correct command for calling John Smith is "Smith, John".

Detailed description ⇨ 150.

? I cannot enter an address located in another country via speech recognition. What am I doing wrong?

! Via speech recognition, you can only enter addresses for destinations located in the country whose language is selected as system language, e.g. if the system is set to German, you cannot enter a destination located in France.

Detailed description ⇨ 150.

Phone

? How can I pair my phone with the Infotainment system?

! In order to pair a phone, press 📞, select **Phone Settings** and then **Bluetooth**. Select **Pair device** and follow the instruction on the Infotainment system and your mobile phone. Make sure Bluetooth is enabled.

Detailed description ⇨ 159.

? How can I access my phone book or recent calls list via the Infotainment system?

! Depending on the phone, you must allow access to the respective data in the settings of your mobile phone. In general, the download of the phone book and recent calls list is not supported by all mobile phones.

Detailed description ⇨ 159.

? **Although access to my phone book has been granted, not all contacts are available in the Infotainment system. Why is that?**

! Depending on the phone, contacts stored on the SIM card cannot be read by the Infotainment system.

Detailed description ⇨ 159.

Navigation

? **How can I toggle between total driving time or remaining driving time and total distance or partial distance?**

! When the navigation application is active, push the multifunction knob outer ring to display the **Navigation Menu**. Select **Switch Route Time/ Destination** and adjust the settings as desired.

Detailed description ⇨ 135.

? **When pressing DEST/NAV, different menus are displayed sometimes. Why is that?**

! If route guidance is active, the destination application is displayed for you to select a destination.

Detailed description ⇨ 138.

If route guidance is not active, the **Route Menu** is displayed.

Detailed description ⇨ 147.

Audio

? **When playing media files from a device connected via Bluetooth, the track title and artist are not displayed in the Infotainment system and the media browse function is not available. Why is that?**

! When connecting a device via Bluetooth, due to the Bluetooth protocol supported only restricted functions are available.

Detailed description ⇨ 125.

? **The Infotainment system does not have a tone button on the faceplate. How can I change the tone settings?**

! The tone settings menu is accessible via the **Home Page**. Press ⌂ and then select **More** to display the second **Home Page**. To access the tone settings menu, select **Tone**.

Detailed description ⇨ 114.

Need further assistance?

- Go to http://www.holden.com.au/ownership/techconnect.
- Contact your Holden dealer.

Climate control

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Climate control systems

Electronic climate control system

The dual zone climate control allows different climatisation temperatures for driver side and front passenger side.

In Automatic mode, temperature, fan speed and air distribution are regulated automatically.

Controls for:

- temperature on driver side
- air distribution
- fan speed
- temperature on front passenger side

: cooling
AUTO : automatic mode
: manual air recirculation
: demisting and defrosting

Heated rear window ⇨ 29, Heated seats ⇨ 48, Ventilated seats ⇨ 48, Heated steering wheel ⇨ 68.

Climate control settings are shown on the Colour-Info-Display. Setting modifications are briefly popped-up in the display, superimposed over the currently displayed menu.

The electronic climate control system is only fully operational when the engine is running.

⚠Danger

Do not sleep in a vehicle with the air conditioning or heating system on. It may cause serious harm or death due to a drop in oxygen content and/or body temperature.

Automatic mode AUTO

Basic setting for maximum comfort:

- Press **AUTO**, the air distribution and fan speed are regulated automatically.
- Open all air vents to allow optimised air distribution in Automatic mode.
- Press ☼ to switch on optimal cooling and demisting. Activation is indicated by illumination of the LED in the button.
- Set the preselected temperatures for driver and front passenger using the left and right rotary knob. Recommended temperature is 22 °C.

When the soft top is opened, the Climate control adapts the Automatic mode to the changed climatic environment.

The fan speed regulation in Automatic mode can be changed in the Settings menu.

Vehicle personalisation ⇨ 90.

Temperature preselection

Set temperatures to the desired value.

If the minimum temperature **Lo** is set, the climate control system runs at maximum cooling, if cooling ☼ is switched on.

If the maximum temperature **Hi** is set, the climate control system runs at maximum heating.

Note

If ☼ is switched on, reducing the set cabin temperature can cause the engine to restart from an Autostop or inhibit an Autostop.

Demisting and defrosting the windows

- Press . Activation is indicated by illumination of the LED in the button.
- Temperature and air distribution are set automatically and the fan runs at high speed.
- Switch on heated rear window .
- To return to previous mode: press , to return to Automatic mode: press **AUTO**.

Setting of automatic rear window heating can be changed in the Settings menu in the Info-Display. Vehicle personalisation ⇨ 90.

Note

If is pressed while the engine is running, an Autostop will be inhibited until is pressed again.

If is pressed with the fan switched on and the engine running, an Autostop will be inhibited until is pressed again or until the fan is switched off.

If is pressed while the engine is in an Autostop, the engine will restart automatically.

If is pressed with the fan switched on while the engine is in an Autostop, the engine will restart automatically.

Stop-start system ⇨ 178.

Manual settings

Climate control system settings can be changed by activating the buttons and rotary knobs as follows. Changing a setting will deactivate the Automatic mode.

Fan speed

Press lower button to decrease or upper button to increase fan speed as shown in the illustration. The fan speed is indicated by the number of segments in the display.

Pressing the lower button for longer: fan and cooling are switched off.

Pressing the upper button for longer: the fan runs at maximum speed.

To return to Automatic mode: Press **AUTO**.

Air distribution

Press appropriate button for desired adjustment. Activation is indicated by illumination of the LED in the button.

- : to windscreen and front door windows (air conditioning is activated in the background to help preventing windows from fogging)
- : to head area via adjustable air vents
- : to foot well

All combinations are possible.

Return to Automatic air distribution: press **AUTO**.

Cooling

Press to switch on cooling. Activation is indicated by illumination of the LED in the button. Cooling is only functional when the engine is running and climate control fan is switched on.

Press again to switch off cooling.

The air conditioning system cools and dehumidifies (dries) when outside temperature is above a specific level. Therefore condensation may form and drip from under the vehicle.

If no cooling or drying is required, switch off the cooling system for fuel saving reasons. When the cooling system is switched off, no engine restart will be requested by the climate control system during an Autostop. Exception: defrost system is activated and outside temperature above 0° C requests a restart.

The display will indicate **AC ON** when cooling is activated or **AC OFF** when the cooling is deactivated.

Activation or deactivation of cooling operation after engine start can be changed in the Settings menu in the Info-Display. Vehicle personalisation ⇨ 90.

Air recirculation mode

Press to activate air recirculation mode. Activation is indicated by illumination of the LED in the button.

Press again to deactivate recirculation mode.

⚠Warning

Driving with recirculation mode for a prolonged period of time can make you sleepy. Periodically turn to the outside air mode for fresh air.

The exchange of fresh air is reduced in air recirculation mode. In operation without cooling the air humidity increases, so the windows may mist up. The quality of the passenger compartment air deteriorates, which may cause the vehicle occupants to feel drowsy.

In warm and very humid ambient air conditions, the windscreen may mist up from outside, when cold air is directed towards it. If windscreen mists up from outside, activate windscreen wiper and deactivate .

Basic settings

Some settings can be changed in the Settings menu in the Info-Display. Vehicle personalisation ⇨ 90.

Air vents

Adjustable air vents

At least one air vent must be open while the cooling is on.

To open the vent, turn the adjuster wheel towards the bigger ▮ symbol. Adjust the air amount at the vent outlet by turning the adjuster wheel.

Direct the flow of air by tilting and swivelling the slats.

To close the vent, turn the adjuster wheel towards the smaller ▮ symbol.

⚠Warning

Do not attach any objects to the slats of the air vents. Risk of damage and injury in case of an accident.

Fixed air vents

Additional air vents are located beneath the windscreen and door windows and in the foot wells.

Maintenance

Air intake

The air intake in front of the windscreen in the engine compartment must be kept clear to allow air intake. Remove any leaves, dirt or snow.

Pollen filter

The pollen filter cleans dust, soot, pollen and spores from the air entering the vehicle through the air intake.

Air conditioning regular operation

In order to ensure continuously efficient performance, cooling must be operated for a few minutes once a month, irrespective of the weather and time of year. Operation with cooling is not possible when the outside temperature is too low.

Service

For optimal cooling performance, it is recommended to have the climate control system checked annually by your Holden dealer. Including:

- functionality and pressure test
- heating functionality
- leakage check
- check of drive belts
- cleaning of condenser and evaporator drainage
- performance check

Driving and operating

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Driving hints

Control of the vehicle

Never coast with engine not running (except during Autostop)

⚠Danger

Many systems will not function in this situation (e.g. brake servo unit, power steering). Driving in this manner is a danger to yourself and others.

All systems function during an Autostop, but there will be a controlled reduction in power steering assist and vehicle speed is reduced.

Stop-start system ⇨ 178.

Idle boost

If charging of the battery is required due to battery condition, the power output of the generator has to be increased. This will be achieved by an idle boost which may be audible. A message appears in the Driver Information Centre.

Pedals

To ensure the pedal travel is uninhibited, there must be no mats in the area of the pedals.

Use only floor mats, which fit properly and are fixed by the retainers on the driver side.

Steering

If power steering assist is lost because the engine stops or due to a system malfunction, the vehicle can be steered but may require increased effort.

Control indicator ⊖! ⇨ 80.

Ground clearance

Due to the reduced ground clearance, the vehicle can be damaged depending on the vehicle loading and appearance of the ground. Take special care and drive slowly on steep driveways, entry and exit of parking garages, high kerbs and uneven surfaces. If possible, drive diagonally with one wheel after another when running over kerbs or uneven surfaces.

Starting and operating

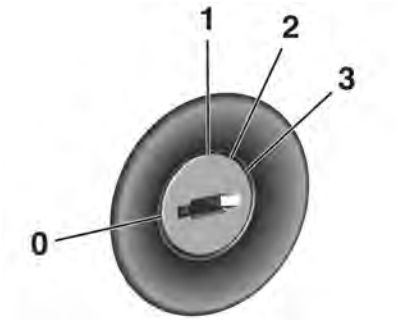
New vehicle running-in

Use the following precautions for the first few hundred kilometres to improve the performance and economy of your vehicle and add to its long life:

- Avoid full-throttle starts.
- Do not race the engine.
- Avoid hard stops except in emergencies. This will allow your brakes to bed in properly.
- Avoid quick starts, sudden accelerations, and prolonged high-speed driving in order to avoid damage to the engine and to conserve fuel.
- Avoid full-throttle acceleration in low gear.
- Do not tow any other vehicle.

During the running-in period fuel and engine oil consumption may be higher.

Ignition switch positions



0 : **ignition off:** Some functions remain active until key is removed or driver's door is opened, if ignition was on previously

1 : **accessory power mode:** Steering wheel lock released, some electrical functions are operable, ignition is off

2 : **ignition on power mode:** Ignition is on. Control indicators light up and most electrical functions are operable

3 : **engine start:** Release key after starting procedure begins

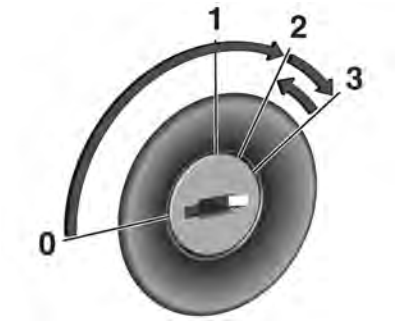
Retained power off

The following electronic systems can work until a door is opened or at the latest for ten minutes after the ignition is switched off:

- power windows
- power outlets

Power to the Infotainment system will continue to operate for 30 minutes or until the key is removed from the ignition switch, regardless of whether any door will be opened.

Starting the engine



Manual transmission: operate clutch.

Automatic transmission: operate brake and move the selector lever to **P** or **N**.

Do not operate the accelerator pedal.

Turn the key briefly to position **3** and release: an automatic procedure operates the starter with a short delay as long as the engine is running, see Automatic Starter Control.

Before restarting or to switch off the engine, turn the key back to position **0**.

During an Autostop, the engine can be started by depressing the clutch pedal.

Starting the vehicle at low temperatures

Starting the engine without additional heaters is possible down to -30 °C for petrol engines. Required is an engine oil with the correct viscosity, the correct fuel, performed services and a sufficiently charged vehicle battery. With temperatures below -30 °C the automatic transmission needs a warming phase of approx. 5 minutes. The selector lever must be in position **P**.

Automatic Starter Control

This function controls the engine starting procedure. The driver does not have to hold the key in position **3**. Once applied, the system will go on starting automatically until the engine is running. Because of the checking procedure, the engine starts running after a short delay.

Possible reasons for a non-starting engine:

- Clutch pedal not operated (manual transmission).
- Brake pedal not operated or selector lever not in **P** or **N** (automatic transmission).
- Timeout occurred.

Turbo engine warm-up

Upon start-up, engine available torque may be limited for a short time, especially when the engine temperature is cold. The limitation is to allow the lubrication system to fully protect the engine.

Overrun cut-off

The fuel supply is automatically cut off during overrun, i.e. when the vehicle is driven with a gear engaged but accelerator is released.

Stop-start system

Stop-start system is fitted to manual transmission vehicles only.

The stop-start system helps to save fuel and to reduce the exhaust emissions. When conditions allow, it switches off the engine as soon as the vehicle is at a low speed or at a standstill, e.g. at a traffic light or in a traffic jam. It starts the engine automatically as soon as the clutch is depressed. A vehicle battery sensor ensures that an Autostop is only performed if the vehicle battery is sufficiently charged for a restart.

Activation

The stop-start system is available as soon as the engine is started, the vehicle starts-off and the conditions as stated below in this section are fulfilled.

Deactivation

Deactivate the stop-start system manually by pressing the **eco** button. The deactivation is indicated when the LED in the button extinguishes.

Autostop

If the vehicle is at a low speed or at a standstill, activate an Autostop as follows:

- Depress the clutch pedal.
- Set the lever in neutral.
- Release the clutch pedal.

The engine will be switched off while the ignition stays on.

An Autostop is indicated by the needle at the **AUTOSTOP** position in the tachometer.

During an Autostop, the heating and brake performance will be maintained.

Caution
The steering assist can be reduced during an Autostop.

Conditions for an Autostop

The stop-start system checks if each of the following conditions is fulfilled:

- The stop-start system is not manually deactivated.
- The bonnet is fully closed.
- The driver's door is closed or the driver's seat belt is fastened.
- The vehicle battery is sufficiently charged and in good condition.
- The engine is warmed up.
- The engine coolant temperature is not too high.
- The engine exhaust temperature is not too high, e.g. after driving with high engine load.
- The ambient temperature is above -5° C.
- The climate control system allows an Autostop .
- The brake vacuum is sufficient.
- The vehicle was driven at least at walking speed since the last Autostop.

Otherwise an Autostop will be inhibited.

Certain settings of the climate control system may inhibit an Autostop. See Climate control chapter for more details ⇨ 169.

Immediately after motorway driving an Autostop may be inhibited.

New vehicle running-in ⇨ 176.

Battery discharge protection

To ensure reliable engine restarts, several battery discharge protection features are implemented as part of the stop-start system.

Power saving measures

During an Autostop, several electrical features, e.g. auxiliary electric heater or rear window heating are disabled or switched into a power saving mode. The fan speed of the climate control system is reduced to save power.

Restart of the engine by the driver

Depress the clutch pedal to restart the engine.

The engine start is indicated by the needle at the idle speed position in the tachometer.

If the selector lever is shifted out of neutral before depressing the clutch first, control indicator illuminates or is shown as a symbol in the Driver Information Centre.

Control indicator ⇨ 79.

Restart of the engine by the stop-start system

The selector lever has to be in neutral to enable an automatic restart.

If one of the following conditions occurs during an Autostop, the engine will be restarted automatically by the stop-start system:

- The stop-start system is manually deactivated.
- The bonnet is opened.
- The driver's seat belt is unfastened and the driver's door is opened.
- The engine temperature is too low.
- The charging level of the vehicle battery is below a defined level.
- The brake vacuum is not sufficient.
- The vehicle is driven at least at walking speed.
- The climate control system requests an engine start.
- The air conditioning is manually switched on.

If the bonnet is not fully closed, a warning message is displayed in the Driver Information Centre.

If an electrical accessory, e.g. a portable CD player, is connected to the power outlet, a brief power drop during restart might be noticeable.

Parking

⚠ Warning

- Do not park the vehicle on an easily ignitable surface. The high temperature of the exhaust system could ignite the surface.
- Always apply the parking brake.

  Pull switch Ⓟ for approx. one second ⇨ 187 .

On a downhill or uphill slope, apply the electric parking brake by pulling the switch Ⓟ twice for maximum force.

The electric parking brake is applied when control indicator Ⓟ illuminates ⇨ 79.

- Switch off the engine.
- If the vehicle is on a level surface or uphill slope, engage first gear or set the selector lever to position **P** before removing the ignition key. On an uphill slope, turn the front wheels away from the kerb.

  If the vehicle is on a downhill slope, engage reverse gear or set the selector lever to position **P** before removing the ignition key. Turn the front wheels towards the kerb.
- Close the windows and the soft top.
- Remove the ignition key. Turn the steering wheel until the steering wheel lock is felt to engage.

  For vehicles with automatic transmission, the key can only be removed when the selector lever is in position **P**.
- Lock the vehicle.

Note
In the event of an accident with airbag deployment, the engine is turned off automatically if the vehicle comes to a standstill within a certain time.

Engine exhaust

⚠ Danger

Engine exhaust gases contain poisonous carbon monoxide, which is colourless and odourless and could be fatal if inhaled.

If exhaust gases enter the interior of the vehicle, open the windows. Have the cause of the fault rectified by your Holden Dealer.

Avoid driving with an open boot lid, otherwise exhaust gases could enter the vehicle.

Catalytic converter

The catalytic converter reduces the amount of harmful substances in the exhaust gases.

Caution

Fuel grades other than those listed on pages ⇨ 199, ⇨ 255 could damage the catalytic converter or electronic components.

Unburnt petrol will overheat and damage the catalytic converter. Therefore avoid excessive use of the starter, running the fuel tank dry and starting the engine by pushing or towing.

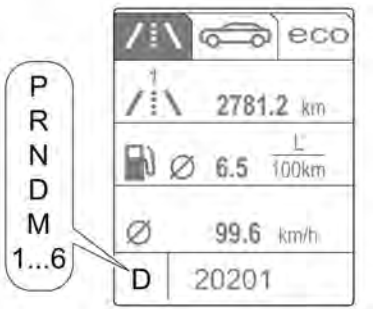
In the event of misfiring, uneven engine running, a reduction in engine performance or other unusual problems, have the cause of the fault rectified by a Holden dealer as soon as possible. In an emergency, driving can be continued for a short period, keeping vehicle speed and engine speed low.

Automatic transmission

The automatic transmission permits automatic gearshifting (automatic mode) or manual gearshifting (manual mode).

Manual shifting is possible in manual mode by tapping the selector lever ⇨ 184.

Transmission display



The mode or selected gear is shown in the transmission display.

In automatic mode, the driving programme is indicated by **D** in the Driver Information Centre.

In manual mode, **M** and the number of the selected gear is indicated.

R indicates reverse gear.

N indicates neutral position.

P indicates park position.

Selector lever

P : park position, press release button, wheels are locked, engage only when the vehicle is stationary and parking brake is applied
R : reverse gear, press release button, engage only when vehicle is stationary
N : neutral
D : automatic mode
M : manual mode: move selector lever from **D** to the left.
+ : manual mode upshifting: move selector lever in position **M** and tap upwards
− : manual mode downshifting: move selector lever in position **M** and tap rearwards

The selector lever is locked in **P** and can only be moved when the ignition is on and the brake pedal is applied.

Without brake pedal applied, the control indicator illuminates.

If the selector lever is not in **P** when the ignition is switched off, the control indicators and **P** flash.

To engage **P** or **R**, press the release button.

The engine can only be started with the lever in position **P** or **N**. When position **N** is selected, press the brake pedal or apply the parking brake before starting.

Do not accelerate while engaging a gear. Never depress the accelerator pedal and brake pedal at the same time.

When a gear is engaged, the vehicle slowly begins to creep when the brake is released.

Engine braking

To utilise the engine braking effect, select a lower gear in good time when driving downhill, see manual mode.

Rocking the vehicle

Rocking the vehicle is only permissible if the vehicle is stuck in sand, mud or snow. Move the selector lever between **D** and **R** in a repeat pattern. Do not race the engine and avoid sudden acceleration.

Parking

Apply the parking brake and engage **P**.

The ignition key can only be removed when the selector lever is in position **P**.

Manual mode

Move selector lever out of position **D** towards the left to select manual mode **M**.

Tap selector lever

forwards **+** : shift to a higher gear

backwards **−** : shift to a lower gear

The selected gear is indicated in the instrument cluster.

If a higher gear is selected when vehicle speed is too low, or a lower gear when vehicle speed is too high, the shift is not executed. This can cause a message in the Driver Information Centre.

In manual mode, no automatic shifting to a higher gear takes place at high engine revolutions.

Electronic driving programmes

- Following a cold start, the operating temperature programme increases engine speed to quickly bring the catalytic converter to the required temperature.
- The automatic neutral shift function automatically shifts to idling when the vehicle is stopped with a forward gear engaged and the brake pedal is pressed.
- When SPORT mode is engaged, the vehicle shifts at higher engine speeds (unless cruise control is on).
- Special programmes automatically adapt the shifting points when driving up inclines or down hills.
- When starting off in snowy or icy conditions or on other slippery surfaces, the electronic transmission control selects a higher gear automatically.

Kickdown

If the accelerator pedal is pressed down completely in automatic mode, the transmission shifts to a lower gear depending on engine speed.

Fault

In the event of a fault, illuminates. Additionally a code number or a vehicle message is displayed in the Driver Information Centre. Vehicle messages ⇨ 88.

The transmission no longer shifts automatically. Continued travel is possible with manual shifting.

Only the highest gear is available. Depending on the fault, 2nd gear may also be available in manual mode. Shift only when vehicle is at a standstill.

Have the cause of the fault remedied by a Holden dealer.

Interruption of power supply

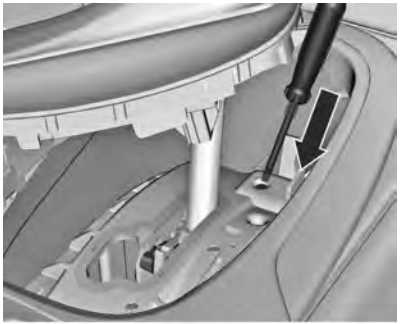
In the event of an interruption of power supply, the selector lever cannot be moved out of the **P** position. The ignition key cannot be removed from the ignition switch.

If the vehicle battery is discharged, start the vehicle using jump leads ⇨ 242.

If the vehicle battery is not the cause of the fault, release the selector lever.

1. Apply the parking brake.

2. Release the selector lever trim from the centre console at the front, fold it upwards and rotate it to the left.



3. Insert a screwdriver into the opening as far as it will go and move the selector lever out of **P** or **N**. If **P** or **N** is engaged again, the selector lever will be locked in position again. Have the cause of the power supply interruption remedied by a Holden dealer.
4. Mount the selector lever trim onto the centre console and refit.

Manual transmission

To engage reverse, with the vehicle stationary, depress clutch pedal, press the release button on the selector lever and engage the gear.

If the gear does not engage, set the lever to neutral, release the clutch pedal and depress again; then repeat gear selection.

Do not slip the clutch unnecessarily.

When operating, depress the clutch pedal completely. Do not use the pedal as a foot rest.

Caution
It is not advisable to drive with the hand resting on the selector lever.

Upshift indication ⇨ 80.

Brakes

The brake system comprises two independent brake circuits.

If a brake circuit fails, the vehicle can still be braked using the other brake circuit. However, braking effect is achieved only when the brake pedal is depressed firmly. Considerably more force is needed for this. The braking distance is extended. Seek the assistance of a Holden dealer before continuing your journey.

When the engine is not running, the support of the brake servo unit disappears once the brake pedal has been depressed once or twice. Braking effect is not reduced, but braking requires significantly greater force. It is especially important to bear this in mind when being towed.

Control indicator ⇨ 79.

Antilock brake system

Antilock brake system (ABS) prevents the wheels from locking.

ABS starts to regulate brake pressure as soon as a wheel shows a tendency to lock. The vehicle remains steerable, even during hard braking.

ABS control is made apparent through a pulse in the brake pedal and the noise of the regulation process.

For optimum braking, keep the brake pedal fully depressed throughout the braking process, despite the fact that the pedal is pulsating. Do not reduce the pressure on the pedal.

After starting off the system performs a self-test which may be audible.

Control indicator (ABS) ⇨ 79.

Adaptive brake light

During full braking, all three brake lights flash for the duration of ABS control.

Fault

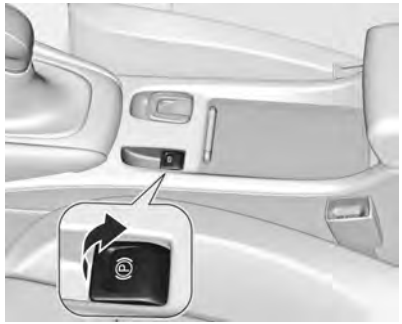
⚠ Warning

If there is a fault in the ABS, the wheels may be liable to lock due to braking that is heavier than normal. The advantages of ABS are no longer available. During hard braking, the vehicle can no longer be steered and may swerve.

Have the cause of the fault remedied by a Holden dealer.

Parking brake

Electric parking brake



Applying when vehicle is stationary

⚠ Warning

Pull switch Ⓟ for approx. one second, the electric parking brake operates automatically with

adequate force. For maximum force, e.g. parking on inclines, pull switch Ⓟ twice.

The electric parking brake is applied when control indicator Ⓟ illuminates ⇨ 79.

The electric parking brake can always be activated, even if the ignition is off.

Do not operate electric parking brake system too often without engine running as this will discharge the vehicle battery.

Before leaving the vehicle, check the electric parking brake status. Control indicator Ⓟ ⇨ 79.

Releasing

Switch on ignition. Keep brake pedal depressed and then push switch Ⓟ.

Drive away function

Depressing clutch pedal (manual transmission) or engaging drive gear (automatic transmission) and then depressing the accelerator pedal releases the electric parking brake automatically. This is not possible when the switch is pulled at the same time.

This function also helps driving away on inclines.

Aggressive drive away may reduce life time of wear parts.

Dynamic braking when vehicle is moving

When the vehicle is moving and the switch Ⓟ is kept pulled, the electric parking brake system will decelerate the vehicle, but will not apply statically.

As soon as the switch Ⓟ is released, dynamic braking will be stopped.

Fault

Failure mode of electric parking brake is indicated by control indicator and by a vehicle message which is displayed in the Driver Information Centre. Vehicle messages ⇨ 88

Apply electric parking brake: pull and hold the switch Ⓟ for more than 5 seconds. If control indicator Ⓟ illuminates, electric parking brake is applied.

Release electric parking brake: push and hold the switch Ⓟ for more than 2 seconds. If control indicator Ⓟ extinguishes, electric parking brake is released.

Control indicator Ⓟ flashes: electric parking brake is not fully applied or released. When continuously flashing, release electric parking brake and retry applying.

Brake assist

If the brake pedal is depressed quickly and forcefully, maximum brake force is automatically applied (full braking).

Maintain steady pressure on the brake pedal for as long as full braking is required. Maximum brake force is automatically reduced when the brake pedal is released.

Hill start assist

The system helps prevent unintended movement when driving away on inclines.

When releasing the foot brake after stopping on an incline, the brakes remain on for a further two seconds. The brakes release automatically as soon as the vehicle begins to accelerate.

The hill start assist is not active during an Autostop.

Ride control systems

Traction Control system

The Traction Control system (TC) is a component of the Electronic Stability Control (ESC) ⇨ 190.

TC improves driving stability when necessary, regardless of the type of road surface or tyre grip, by preventing the drive wheels from spinning.

As soon as the drive wheels starts to spin, engine output is reduced and the wheel spinning the most is braked individually. This considerably improves the driving stability of the vehicle on slippery road surfaces.

TC is operational after each engine start as soon as the control indicator extinguishes.

When TC operates flashes.

⚠ Warning

Do not let this special safety feature tempt you into taking risks when driving.

Adapt speed to the road conditions.

Control indicator ⇨ 80.

Deactivation

TC can be switched off when spinning of drive wheels is required:

press briefly to deactivate TC, illuminates. Deactivation is displayed as status message in the Driver Information Centre.

TC is reactivated by pressing again.

TC is also reactivated the next time the ignition is switched on.

Electronic Stability Control

Note
ESC may be displayed in the vehicle as ESP.

Electronic Stability Control (ESC) improves driving stability when necessary, regardless of the type of road surface or tyre grip. It also prevents the drive wheels from spinning. ESC operates in combination with the Traction Control system (TC) ⇨ 189.

As soon as the vehicle starts to swerve (understeer/oversteer), engine output is reduced and the wheels are braked individually. This considerably improves the driving stability of the vehicle on slippery road surfaces.

ESC is operational after each engine start as soon as the control indicator extinguishes.

When ESC operates flashes.

⚠Warning

Do not let this special safety feature tempt you into taking risks when driving.

Adapt speed to the road conditions.

Control indicator ⇨ 80.

Deactivation

For a more sporty behaviour ESC and TC can be deactivated separately:

- Press briefly: only Traction control system is inactive, ESC remains active, illuminates
- Hold pressed for min. 5 seconds: TC and ESC are deactivated, and illuminate.

Additionally the selected mode is displayed as a status message in the Driver Information Centre.

If the vehicle comes into threshold with deactivated ESC, the system will reactivate ESC for the time duration of the threshold, when the brake pedal is depressed once.

ESC is reactivated by pressing again. If the TC system was previously disabled, both TC and ESC are reactivated.

ESC is also reactivated the next time the ignition is switched on.

Driver assistance systems

⚠ Warning

Driver assistance systems are developed to support the driver and not to replace the driver's attention.

The driver accepts full responsibility when driving the vehicle.

When using driver assistance systems, always take care regarding the current traffic situation.

Cruise control

The cruise control can store and maintain speeds.

⚠Warning

Do not use the cruise control when road or driving conditions require varying speeds.

Remember that when illuminates green, the cruise control is maintaining the vehicle's speed. Taking your foot off the accelerator pedal does not reduce the speed. To deactivate the cruise control, press the brake pedal, press the clutch pedal for a few seconds (manual transmission) or push .

The cruise control does not apply the vehicle's brakes. The vehicle may gain speed when going down steep hills.

When climbing steep hills the vehicle may lose speed. In this case, use the accelerator pedal. Release the accelerator pedal when the speed returns to the set speed.

It is the responsibility of the driver to comply with local posted speed limits.

For safety reasons the cruise control cannot be activated until the foot brake has been operated once. Activating in first gear is not possible.

With automatic transmission, only activate cruise control in automatic mode.

Control indicator ⇨ 82.

Switching on

Press , control indicator in instrument cluster illuminates white.

Activation

Accelerate to the desired speed and turn thumb wheel to **SET/-**, the current speed is stored and maintained. Control indicator in instrument cluster illuminates green. Accelerator pedal can be released.

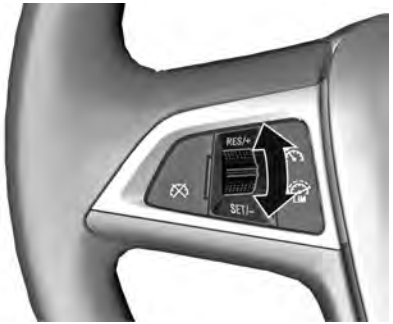
Vehicle speed can be increased by depressing the accelerator pedal. When the accelerator pedal is released, the previously stored speed is resumed.

Cruise control remains activated while gearshifting.

Increase speed

With cruise control active, hold thumb wheel turned to **RES/+** or briefly turn to **RES/+** repeatedly: speed increases continuously or in small increments.

Alternatively accelerate to the desired speed and store by turning to **SET/-**.



Reduce speed

With cruise control active, hold thumb wheel turned to **SET/-** or briefly turn to **SET/-** repeatedly: speed decreases continuously or in small increments.

Deactivation

Press ⊘, control indicator ⏲ in instrument cluster illuminates white. Cruise control is deactivated. Last used set speed is stored in memory for later speed resume.

Automatic deactivation:

- Vehicle speed is below approx. 30 km/h.
- The brake pedal is depressed.
- The clutch pedal is depressed for a few seconds.
- Selector lever is in **N**.
- Engine speed in a very low range.
- The Traction Control system or Electronic Stability Control is operating.

Resume stored speed

Turn thumb wheel to **RES/+** at a speed above 30 km/h. The stored speed will be obtained.

Switching off

Press ⏲, control indicator ⏲ in instrument cluster extinguishes. The stored speed is deleted.

Pressing ⏻ for activating speed limiter or switching off the ignition also switches off cruise control and deletes the stored speed.

Speed limiter

The speed limiter prevents the vehicle exceeding a preset maximum speed.

The maximum speed can be set at a speed above 25 km/h.

The driver can only accelerate up to the preset speed. Deviations from the limited speed may occur when driving downhill.

The preset speed limit is displayed in the top line of the Driver Information Centre when the system is active.

Activation

Press . If cruise control has been activated before, it is switched off when speed limiter is activated and the control indicator extinguishes.

Set speed limit

With speed limiter active, hold thumb wheel turned to **RES/+** or briefly turn to **RES/+** repeatedly until the desired maximum speed is displayed in the Driver Information Centre.

Alternatively accelerate to the desired speed and briefly turn thumb wheel to **SET/-**: the current speed is stored as maximum speed. Speed limit is displayed in the Driver Information Centre.

Change speed limit

With speed limiter active, turn thumb wheel to **RES/+** to increase or **SET/-** to decrease the desired maximum speed.

Exceeding the speed limit

In the event of an emergency it is possible to exceed the speed limit by depressing the accelerator pedal firmly beyond the point of resistance.

The limited speed will flash in the Driver Information Centre and, depending on the vehicle, additionally a chime sounds during this period.

Release the accelerator pedal and the speed limiter function is reactivated once a speed lower than the limit speed is obtained.

Deactivation

Press : speed limiter is deactivated and the vehicle can be driven without speed limit.

The limited speed is stored and a corresponding message appears in the Driver Information Centre.

Resume limit speed

Turn thumb wheel to **RES/+**. The stored speed limit will be obtained.

Switching off

Press , the speed limit indication in the Driver Information Centre extinguishes. The stored speed is deleted.

By pressing to activate cruise control or by switching off the ignition, speed limiter is also deactivated and the stored speed is deleted.

Parking assist

Front-rear parking assist

⚠Warning

The driver bears full responsibility for the parking manoeuvre.

Always check the surrounding area when driving backwards or forwards while using parking assist system.

The front-rear parking assist measures the distance between the vehicle and obstacles in front and behind the vehicle. The system gives acoustic signals and display messages.

The system has four ultrasonic parking sensors each in the rear and front bumper.

It uses two different acoustic warning signals for the front and rear monitoring areas, each with a different tone frequency. The signal for front obstacles sounds via the front speakers, for rear obstacles it sounds from the rear of the vehicle.

Activation

When reverse gear is engaged, the front and rear parking assist is ready to operate.

The front parking assist is also activated automatically at a speed up to 11 km/h.

An illuminated LED in the parking assist button P indicates that the system is ready to operate.

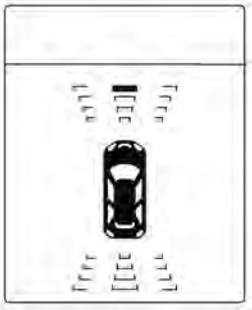
If the vehicle exceeds a speed of 11 km/h, the front parking assist is deactivated. The front parking assist is always reactivated when vehicle speed drops below 11 km/h.

Indication

The system warns the driver with acoustic signals against potentially hazardous obstacles behind and in front of the vehicle. Depending on

which side of the vehicle is closer to an obstacle, you will hear acoustic warning signals on the respective side of the vehicle. The interval between the sounds becomes shorter as the vehicle gets closer to that obstacle. When the distance is less than approx. 30 cm, the sound is continuous.

Additionally, the distance to obstacles is shown in the Driver Information Centre ⇨ 82.



The distance to a front and rear obstacle is indicated by changing distance lines around the vehicle.

Rear obstacles are indicated acoustically and visually at the same time.

Front obstacles are indicated visually first. At distances less than 80 cm an acoustic signal also sounds.

The distance indication in the Driver Information Centre can be inhibited by vehicle messages with a higher priority. After approving the message by pressing **SET/CLR** on the turn signal lever, distance indication appears again.

Deactivation

The rear parking assist automatically switches off when reverse gear is disengaged.

The front parking assist is deactivated automatically at a speed above 11 km/h.

Manual deactivation is possible in two ways:

1. By pressing **P** when reverse gear is engaged. The system will automatically reactivate the next time the reverse gear is engaged or the next time the vehicle is started.
2. By changing the setting in the infotainment system: **Vehicle settings** / **Collision Detection Systems** / **Park Assist**.

   The system remains deactivated for the current ignition cycle and will automatically reactivate next time the vehicle is started.

When the system is deactivated, the LED in the button extinguishes.

Additionally, **Park Assist Off** pops-up in the Driver Information Centre when the system is deactivated manually.

Fault

In the event of a fault in the system or if the system does not work due to temporary conditions, e.g. ice covered sensors, a message is displayed in the Driver Information Centre.

Vehicle messages ⇨ 88.

Basic notes on parking assist systems

⚠Warning

Under certain circumstances, various reflective surfaces on objects or clothing as well as external noise sources may cause the system to fail to detect obstacles.

Special attention must be paid to low obstacles which can damage the lower part of the bumper.

Caution

Performance of the system can be reduced when sensors are covered, e.g. by ice or snow.

Performance of the parking assist system can be reduced due to heavy loading.

Special conditions apply if there are taller vehicles in the vicinity (e.g. off-road vehicles, mini vans, vans). Object identification and correct distance indication in the upper part of these vehicles cannot be guaranteed.

Objects with a very small reflection cross-section, e.g. objects of narrow size or soft materials, may not be detected by the system.

Parking assist systems do not detect objects outside the detection range.

Note

The sensor may detect a non-existent object (echo disturbance) caused by external acoustic or mechanical disturbances.

Rear view camera

The rear view camera assists the driver when reversing by displaying a view of the area behind the vehicle.

The view of the camera is displayed in the Colour-Info-Display.

⚠Warning

The rear view camera does not replace driver vision. Note that objects that are outside the camera's field of view and the parking assist sensors, e.g. below the bumper or underneath the vehicle, are not displayed.

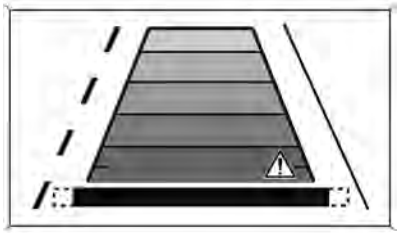
Do not reverse the vehicle by only looking at the Info-Display. Check the surrounding area behind and around the vehicle before reversing.

Activation

Rear view camera is automatically activated when reverse gear is engaged.

Functionality

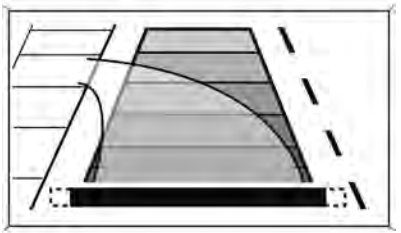
The camera is mounted between the number plate lights and has a viewing angle of 130°.



The area displayed by the camera is limited. The distance of the image that appears on the display differs from the actual distance.

Guiding lines

Dynamic guiding lines are horizontal lines in 1 metre intervals projected on the picture to define the distance to shown objects.



Trajectory lane of the vehicle is shown in accordance with the steering angle.

The function can be deactivated in the Settings menu in the Info-Display. Vehicle personalisation ⇨ 90.

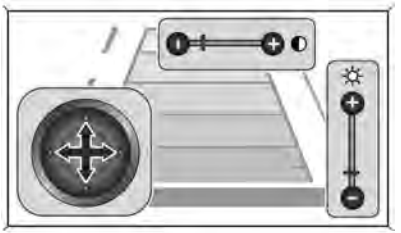
Warning symbols

Warning symbols are indicated as triangles ⚠on the picture, which show obstacles detected by the rear sensors of the parking assist.

Additionally ⚠appears on the top line of the Info-Display with a warning to check the vehicle surrounding.

The top line of the display can be cleared by pushing the multifunction knob outer ring.

Display settings



Brightness can be set with the up/ down buttons of the multifunction knob.

Contrast can be set with left/right buttons of the multifunction knob.

Deactivation

The camera is deactivated when a certain forward speed is exceeded or if reverse gear is not engaged for approx. 10 seconds.

Activation or deactivation of the rear view camera can be changed in the Settings menu in the Info-Display. Vehicle personalisation ⇨ 90.

Fault

Fault messages are displayed with a ⚠on the top line of the Info-Display.

The rear view camera may not operate properly when:

- The surrounding is dark.
- The sun or the beam of headlights is shining directly into the camera lens.
- Ice, snow, mud, or anything else covers the camera lens. Clean the lens, rinse it with water, and wipe it with a soft cloth.
- The vehicle had a rear end accident.
- There are extreme temperature changes.

Fuel

Fuel for petrol engines

Use clean, unleaded petrol of 95 Research Octane Number (RON) or higher.

Use of Premium unleaded petrol (98 RON) is recommended. The use of higher octane fuel may result in improved performance. The use of unleaded 91 RON petrol is possible only for short periods ⇨ 255.

Purchasing your fuel from a reputable fuel retailer may reduce the risk of purchasing fuel which contains abnormal fuel properties.

Caution
Use of fuel with too low an octane rating could lead to uncontrolled combustion and engine damage.

Equivalent standardised fuels with an ethanol content of max. 10% by volume may be used.

⚠Warning

Under no circumstances should you use fuel containing more than 10% ethanol. Use of such fuels may result in engine malfunction, starting and operating difficulties, and materials degradation. These adverse effects could result in permanent damage to your vehicle and the risk of personal injury. Purchasing your fuel from a reputable fuel retailer may reduce the risk of purchasing fuel with more than 10% ethanol or fuel which contains abnormal fuel properties.

Refuelling

⚠Danger

Before refuelling, switch off ignition.

Follow the operating and safety instructions of the filling station when refuelling.

⚠Danger

Fuel is flammable and explosive. No smoking. No naked flames or sparks.

If you can smell fuel in your vehicle, have the cause of this remedied immediately by your Holden Dealer.

Fuel filler flap is located at right rear side of vehicle.

The fuel filler flap can only be opened if the vehicle is unlocked. Release the fuel filler flap by pushing the flap.

To open, turn the cap slowly to the left.

The fuel filler cap can be retained in the bracket on the fuel filler flap.

For refuelling, fully insert the pump nozzle and switch it on.

After automatic cut-off, it can be topped up with max. two doses of fuel.

Caution
Wipe off any overflowing fuel immediately.

To close, turn the fuel filler cap to the right until it clicks.

Close the flap and latch.

Fuel filler cap

Only use genuine fuel filler caps.

Trailer hitch

General information

The word 'Trailer' is used throughout this section and is intended to include all types of towed vehicles, such as a caravan, boat trailer or any other special purpose trailer.

The vehicle is designed primarily as a passenger vehicle, so handling, durability and economy may be affected by towing a trailer. Your Holden Dealer will help supply and install towing equipment to suit your requirements.

Trailer towing ⇨ 202.

Trailer towing

Overloading

Never exceed the loads given for the towing equipment fitted to the vehicle. For your safety and the vehicle's durability, all mandatory equipment must be fitted. Otherwise you may void the New Vehicle Warranty, to the extent that Holden considers the overloading or missing equipment to have affected the specifications or quality of the vehicle.

Maximum towing capacities (kg)

Engine	Transmission	Type	Caravan/Trailer
Petrol (1.6L)	Manual transmission	With brake	1200
		Without brake	750
	Automatic transmission	With brake	1200
		Without brake	750

Mandatory equipment: Holden trailer wiring harness.

⚠Warning

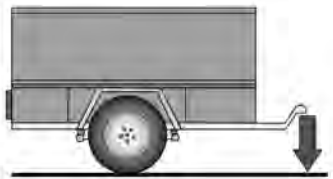
Holden towing equipment is recommended where it is available. Where it is not available, no recommendation is made as to the make of equipment to be used. Holden will not accept liability for defects occurring in inappropriate towing equipment or for defects in the vehicle arising from the use of such equipment or for loss or injury caused by use of such equipment.

The use of inappropriate equipment may void your New Vehicle Warranty to the extent that Holden considers the overloading or missing equipment to have affected the specifications or quality of your vehicle.

Towing with Electronic Stability Control (ESC)

You may hear noise from the ESC modulator when it is working. The ESC is reacting to the vehicle movement caused by the trailer, which mainly occurs during cornering. This is considered normal when towing heavier trailers.

Recommended procedure for attaching a trailer



When a trailer is hitched to the vehicle, it places a weight on the tow bar. This weight is called the 'tow ball load'.

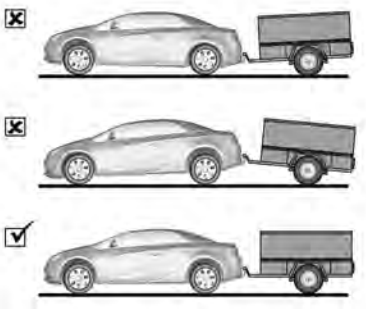
If the tow ball load is too light or too heavy, the steering and handling of the vehicle may be affected.

As a general guideline, for single axle trailers, the ball load should be approximately 10% of the loaded trailer mass. For heavy trailers with more than one axle, the ball load should be in the range of 5% - 10% of the loaded trailer mass.

Note
The tow ball load should not exceed 75 kg.

The tow ball load can be adjusted by correctly packing the contents of the trailer. For example, by moving items forwards or backwards within the trailer so as to change the balance of the trailer.

Check the tow ball load before coupling the trailer to the towing vehicle.



If the attitude of the vehicle is compromised, adjust the vehicle and trailer load within the specifications to improve the attitude. If the vehicle attitude cannot be corrected, use a load distribution hitch.

Note

At no time may the maximum towing capacity exceed the maximum specified. Refer to Maximum towing capacity previously in this chapter.

At no time may the total rear axle load exceed the maximums specified. Refer to Loading the vehicle previously in this chapter.

Towing precautions

- When heavily loading your vehicle or when towing, your tyres should be inflated to the maximum recommended pressure. Refer to tyre pressure placard and information about tyre pressures ⇨ 258.
- Tighten the tow ball retaining nut to 140 Nm (Newton Meters) and check the torque frequently.
- Vehicles handle differently when towing. It is a good idea to make a couple of short distance trips with the trailer before setting off on a longer journey.
- Have your vehicle correctly maintained and serviced.

- Have the trailer maintained and serviced, with particular attention to the condition of the brakes, tyres, suspension, wheel bearings, lighting and the tow coupling.
- Use extended-arm rear view mirrors on both sides of the vehicle if necessary.
- Headlamps may need realignment after the loaded trailer has been hitched.
- Use a lower gear and the brakes, when descending steep hills.
- Do not use axle-mounted hitches as this will damage the vehicle.
- Ensure that no part of the tow bar (including the tongue or tow ball) obscures the vehicle's licence plate. If necessary, remove the tow bar tongue when it is not in use.
- If a tow bar is removed: Ensure to have any mounting holes in the underbody properly sealed to prevent the possible entry to exhaust fumes, dust and water.

Trailer brakes

- Trailer brakes are mandatory on trailers weighing 750 kg and over when loaded. The brakes on the trailer must be designed to cope with the braking requirements of the trailer under all towing conditions, without adversely affecting the brakes on the vehicle.
- Contact the appropriate regulatory body in your State or Territory for the legal requirements of trailer brakes.

Fitting accessories (bull bar, driving lamps, insect screens etc.)

When fitting accessories, take care not to restrict airflow through the air conditioner condenser and the radiator, otherwise engine overheating and/or poor air conditioning performance may result.

The mass of all accessories must be considered when evaluating the vehicle's overall loaded condition.

Remember that bull bars may affect airbag operation.

Running in before towing

Holden recommends that you drive your new vehicle for at least 1,500 km before towing. If you must tow in the first 1,500 km of the vehicle's life, do not exceed 80 km/h.

The same applies if the vehicle is equipped with a new or reconditioned engine, transmission or axle.

Vehicle maintenance

More frequent vehicle maintenance is required when using the vehicle for towing. Refer to the Service/warranty booklet in the vehicle's glovebox.

Trailer stability assist

If the system detects snaking movements, engine power is reduced and the vehicle/trailer combination is selectively braked until the snaking ceases. While system is working keep steering wheel as still as possible.

Trailer stability assist (TSA) is a function of the Electronic Stability Control ⇨ 190.

Vehicle care

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General Information

Accessories and vehicle modifications

We recommend the use of genuine parts and accessories and factory approved parts specific for your vehicle type. We cannot assess or guarantee reliability of other products - even if they have a regulatory or otherwise granted approval.

Do not make any modifications to the electrical system, e.g. changes of electronic control units (chip tuning).

Caution

When transporting the vehicle, e.g. on a recovery vehicle, take care to ensure any fitted accessories are not damaged.

Vehicle storage

Storage for a long period of time

If the vehicle is to be stored for several months:

- Wash the vehicle. Wax painted parts of the vehicle. Exterior care ⇨ 246.
- Have the wax in the engine compartment and underbody checked.
- Clean and preserve the rubber seals.
- Fill up fuel tank completely.
- Change the engine oil.
- Drain the washer fluid reservoir.
- Check the coolant antifreeze and corrosion protection.
- Adjust tyre pressure to the value specified for full load.
- Park the vehicle in a dry, well ventilated place. Engage first or reverse gear or set selector lever to **P**. Prevent the vehicle from rolling.
- Do not apply the parking brake.
- Open the bonnet, close all doors and lock the vehicle.
- Close the soft top.
- Cover the soft top to reduce environment influences.
- Disconnect the clamp from the negative terminal of the vehicle battery. Beware that all systems are not functional.

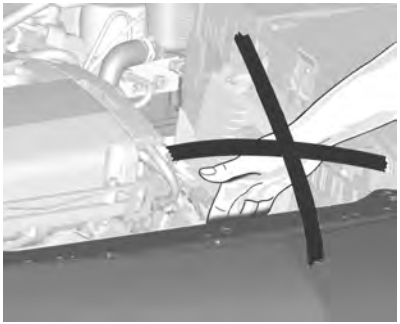
Putting back into operation

When the vehicle is to be put back into operation:

- Connect the clamp to the negative terminal of the vehicle battery. Activate the electronics of the power windows.
- Check tyre pressure.
- Fill up the washer fluid reservoir.
- Check the engine oil level.
- Check the coolant level.
- Fit the number plate if necessary.

Vehicle checks

Performing work



⚠ Warning

Only perform engine compartment checks when the ignition is off.

The cooling fan may start operating even if the ignition is off.

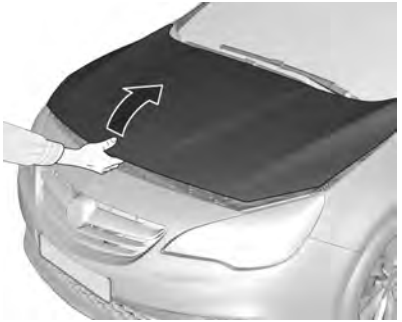
⚠Danger

The ignition system and Xenon headlights use extremely high voltage. Do not touch.

Bonnet

Opening

Pull the release lever and return it to its original position.



Move the safety catch sideways to the left vehicle side and open the bonnet.

Secure the bonnet support.

If the bonnet is opened during an Autostop, the engine will be restarted automatically for safety reasons.

Closing

Before closing the bonnet, press the support into the holder.

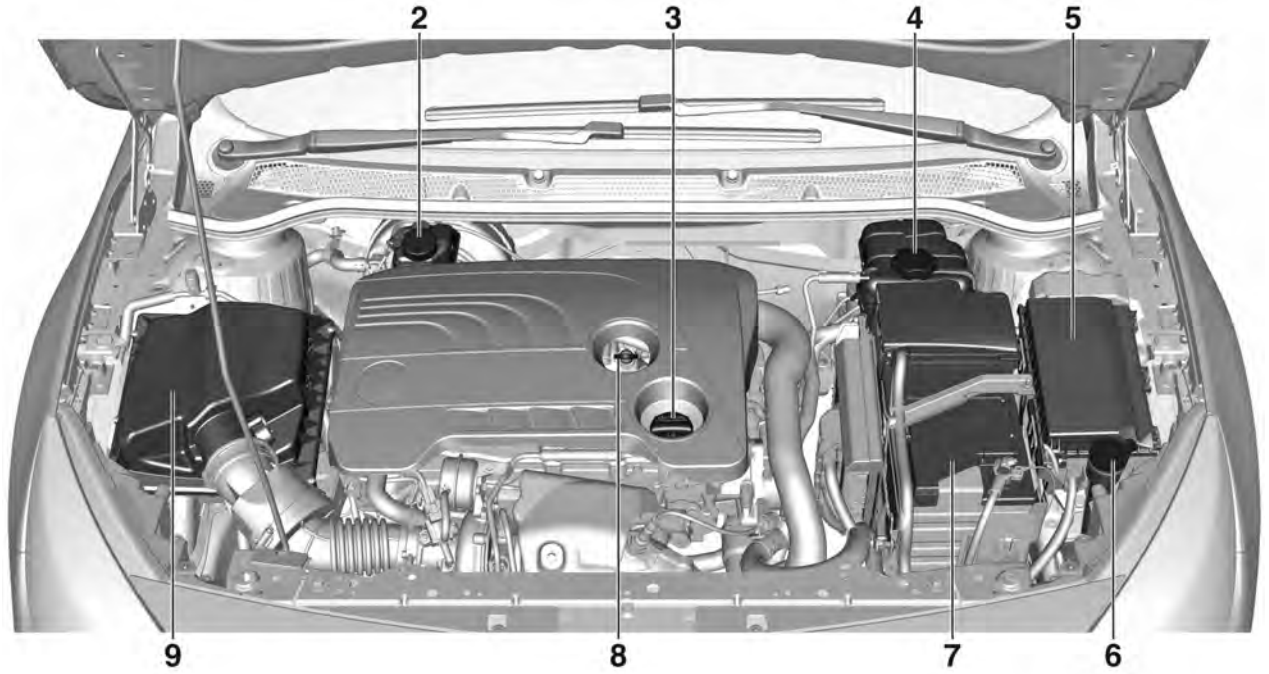
Lower the bonnet and let it fall into the latch from a low height (20-25 cm). Check that the bonnet is engaged.

Caution

Do not press the bonnet into the latch to avoid dents.

Engine compartment overview

1.6L Petrol engine



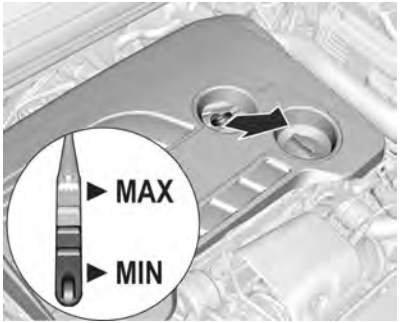
1. Brake (and clutch) fluid container ⇨ 214
2. Dipstick for engine oil level ⇨ 212
3. Engine coolant container ⇨ 213
4. Fuse box ⇨ 225
5. Washer fluid container ⇨ 214
6. Battery ⇨ 214
7. Engine oil cap ⇨ 212
8. Engine air filter ⇨ 213

Engine oil

Check the engine oil level manually on a regular basis to prevent damage to the engine. Ensure that the correct specification of oil is used. Recommended fluids and lubricants ⇨ 249.

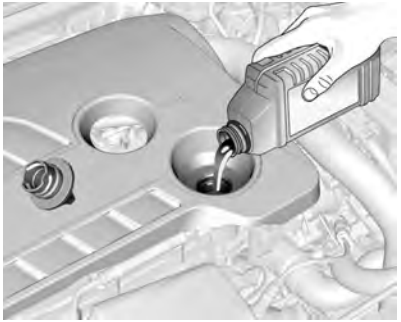
Check with the vehicle on a level surface. The engine must be at operating temperature and switched off for at least 5 minutes.

Pull out the dipstick, wipe it clean, insert it to the stop on the handle, pull out and read the engine oil level.



Insert dipstick to the stop on the handle and make half a turn.

When the engine oil level has dropped to the **MIN** mark, top-up engine oil.



We recommend the use of the same grade of engine oil that was used at the last change.

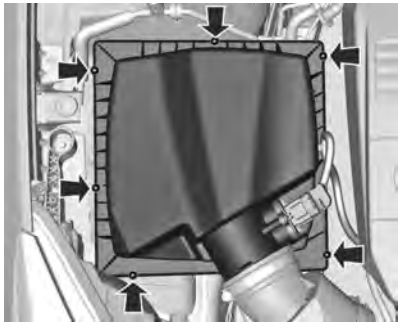
The engine oil level must not exceed the **MAX** mark on the dipstick.

Caution
Overfilled engine oil must be drained or suctioned out.

Capacities ⇨ 258.

Fit the cap on straight and tighten it.

Engine air filter



To replace engine air filter unscrew 6 screws and remove air filter housing.

Engine coolant

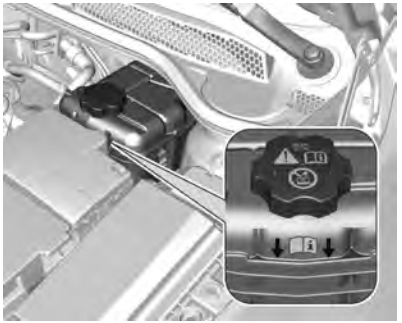
The coolant provides freeze protection down to approx. -28 °C.

Caution
Only use approved antifreeze.

⚠Warning
Do not spill coolant on the vehicle's exterior surfaces. It can damage the paintwork. If you do, wash it off immediately.

Coolant level

Caution
Too low a coolant level can cause engine damage.



If the cooling system is cold, the coolant level should be above the filling line mark. Top up if the level is low.

⚠Warning
Allow the engine to cool before opening the cap. Carefully open the cap, relieving the pressure slowly.

Top up with the recommended coolant ⇨ 249. If no coolant is available, use clean tap water or distilled water. Install the cap tightly. Have the coolant concentration checked and have the cause of the coolant loss remedied by a Holden dealer.

Washer fluid

Fill with clean water mixed with a suitable quantity of windscreen washer solution.

Brakes

In the event of minimum thickness of the brake lining, a squealing noise sounds during braking.

Continued driving is possible but have the brake lining replaced as soon as possible.

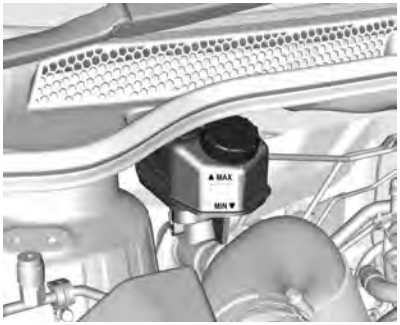
Once new brake linings are installed, do not brake unnecessarily hard for the first few journeys.

Brake fluid

The brake fluid container is also used for the clutch system.

⚠Warning

Brake fluid is poisonous and corrosive. Avoid contact with eyes, skin, fabrics and painted surfaces.



The brake fluid level must be between the **MIN** and **MAX** marks.

If fluid level is below **MIN** seek the assistance of a Holden dealer.

Brake and clutch fluid ⇨ 249.

Vehicle battery

Vehicles without stop-start system will be equipped with a lead acid battery. Vehicles with stop-start system will be equipped with an AGM battery which is not a lead acid battery.

The vehicle battery is maintenance-free provided that the driving profile allows sufficient charging of the battery. Short-distance-driving and frequent engine starts can discharge the battery. Avoid the use of unnecessary electrical consumers.

Batteries do not belong in household waste. They must be disposed of at an appropriate recycling collection point.

Laying up the vehicle for more than 4 weeks can lead to battery discharge. Disconnect the clamp from the negative terminal of the vehicle battery.

Ensure the ignition is switched off before connecting or disconnecting the vehicle battery.

Vehicle battery discharge protection ⇨ 103.

Replacing the vehicle battery

Note
Any deviation from the instructions given in this section may lead to temporary deactivation of the stop-start system.

When the vehicle battery is being replaced, please ensure that there are no open ventilation holes in the vicinity of the positive terminal. If a ventilation hole is open in this area, it must be closed off with a dummy cap, and the ventilation in the vicinity of the negative terminal must be opened.

Only use vehicle batteries that allow the fuse box to be mounted above the vehicle battery.

In vehicles with stop-start system, be sure to have the AGM (Absorptive Glass Mat) battery replaced with another AGM battery.

An AGM battery can be identified by the label on the battery. We recommend the use of an original Holden vehicle battery.

Note
Using an AGM vehicle battery different from the original vehicle battery may result in a lower performance of the stop-start system.

We recommend that you have the vehicle battery replaced by a Holden dealer.

Stop-start system ⇨ 178.

Charging the vehicle battery

⚠ Warning

On vehicles with stop-start system, ensure that the charging potential does not exceed 14.6 volts when using a battery charger. Otherwise the vehicle battery might be damaged.

Jump starting ⇨ 242.

Warning label

Meaning of symbols:

- No sparks, naked flames or smoking.
- Always shield eyes. Explosive gases can cause blindness or injury.
- Keep the vehicle battery out of reach of children.
- The vehicle battery contains sulphuric acid which could cause blindness or serious burn injuries.
- See the Owner's Manual for further information.
- Explosive gas may be present in the vicinity of the vehicle battery.

Wiper blade replacement

Lift the wiper arm until it stays in the raised position, press button to disengage the wiper blade and remove.

Attach the wiper blade slightly angled to the wiper arm and push until it engages.

Lower wiper arm carefully.

Bulb replacement

Switch off the ignition and switch off the relevant switch or close the doors.

Only hold a new bulb at the base. Do not touch the bulb glass with bare hands.

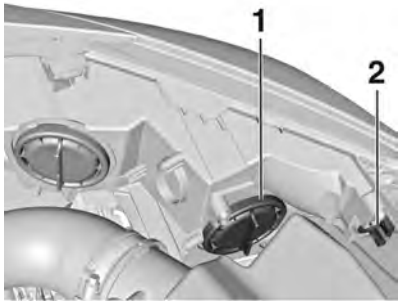
Use only the same bulb type for replacement.

Replace headlight bulbs from within the engine compartment.

Bulb check

After a bulb replacement switch on the ignition, operate and check the lights.

Halogen headlights

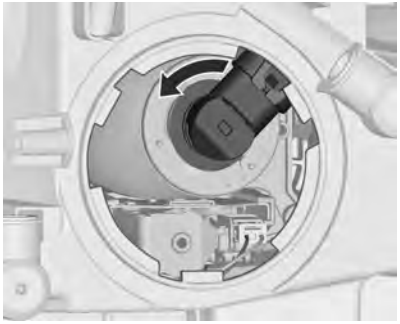


Bi-Halogen Headlight (1) with one bulb for low and high beam.

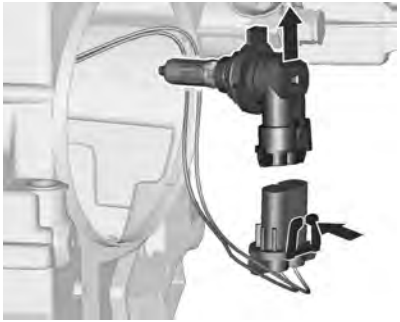
Sidelight/Daytime running light (2).

Low/High beam (1)

1. Rotate the cap (1) anticlockwise and remove it.



2. Rotate the bulb holder anticlockwise to disengage. Withdraw the bulb holder from the reflector.



3. Disengage the bulb holder from the plug connector by pressing the retaining lug.
4. Replace the bulb and connect bulb holder with the plug connector.
5. Insert the bulb holder, engaging the two lugs into the reflector and rotate clockwise to secure.
6. Fit the cap and rotate clockwise.

Sidelight/Daytime running light (2)

1. Rotate bulb socket (2) anticlockwise to disengage. Withdraw the bulb socket from the reflector.

2. Remove the bulb from the socket by pulling.
3. Replace and insert new bulb into socket.
4. Insert the bulb socket into the reflector and turn clockwise.

Adaptive forward lighting

⚠Danger

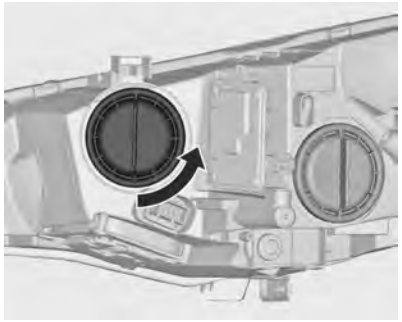
Adaptive forward lighting system uses Xenon headlights.

Xenon headlights work under extremely high electrical voltage. Do not touch. Have bulbs replaced by a Holden dealer.

Parking lights/Daytime running lights are designed as Light Emitting Diodes (LEDs) and cannot be changed.

Bulbs for front turn signal and corner lighting can be changed.

Corner lighting



1. Rotate the cap anticlockwise and remove it.

2. Rotate the bulb holder anticlockwise to disengage. Withdraw the bulb holder from the reflector.

3. Disengage the bulb from the plug connector by pulling.
4. Replace the bulb and connect bulb holder with the plug connector.
5. Insert the bulb holder, engaging the two lugs into the reflector and rotate clockwise to secure.
6. Fit the cap and rotate clockwise.

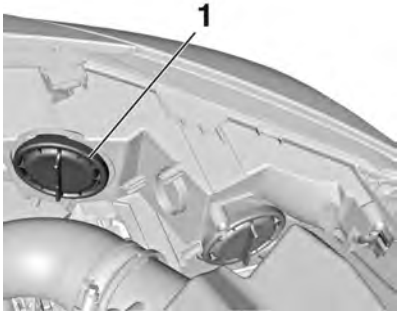
Fog lights

The bulbs are accessible from the underside of the vehicle.

1. Turn the bulb holder anti-clockwise and remove it from the reflector.

2. Disengage the bulb socket from the plug connector by pressing the retaining lug.
3. Remove and replace the bulb socket with bulb and attach the plug connector.
4. Insert the bulb socket into the reflector by turning clockwise and engage.

Front turn signal lights

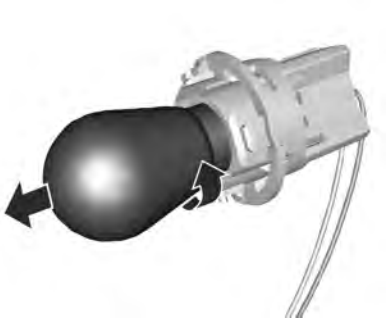


1. Rotate cap (1) anticlockwise and remove it.

2. Graphic shows version with halogen headlights.

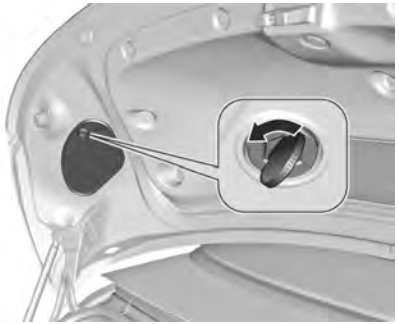
Graphic shows version with adaptive forward lighting headlights.

Rotate bulb socket anticlockwise to disengage and withdraw from the reflector.

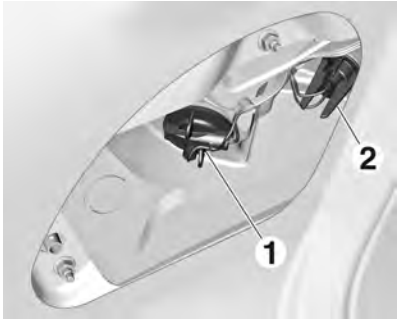


3. Remove the bulb from the socket by turning anticlockwise.
4. Replace and insert new bulb into socket by turning clockwise.
5. Insert the bulb socket into the reflector and turn clockwise.
6. Fit the cap and rotate clockwise.

Tail lights



1. Open and remove the cover on the inside of the boot lid by loosen the screw with a coin.
2. Brake lights, tail lights and fog light are designed as Light Emitting Diodes (LEDs) and cannot be changed.



Remove bulb holder by turning anti-clockwise.

Turn signal lights (**1**)

Reversing lights (**2**)

3. Remove and replace bulb

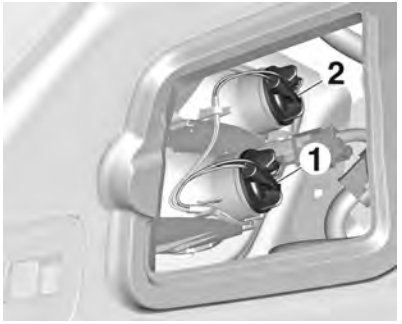
4. Insert bulb holder into tail light assembly and turn clockwise.

5. Close the cover by inserting the fastener clips first. Lock the cover by turning the screw clockwise with a coin.

Additional lights in the boot lid frame

1. Open the boot lid.

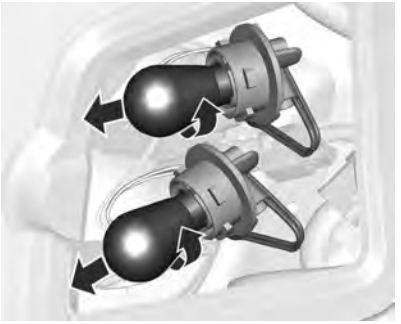
2. Release cover in side trim panel and remove.



3. Remove bulb holder by turning anti-clockwise.

Turn signal lights (**1**)

Tail lights (**2**)



4. Remove and replace bulb.
5. Insert the bulb holder into housing and turn clockwise.
6. Attach the side trim cover.

Side turn signal lights

To replace bulb, remove lamp housing:

1. Slide lamp to its left side and remove with its right end.

2. Turn bulb holder anticlockwise and remove from housing.

3. Pull bulb from bulb holder and replace it.
4. Insert bulb holder and turn clockwise.
5. Insert left end of the lamp, slide to the left and insert right end.

Number plate light

1. Insert screwdriver in recess of the cover, press to the side and release spring.
2. Remove lamp downwards, taking care not to pull on the cable.

3. Remove bulb holder from lamp housing by turning anticlockwise.

4. Pull bulb from bulb holder and replace it.
5. Insert bulb holder into lamp housing and turn clockwise.
6. Insert lamp into bumper and let engage.

Interior lights

Courtesy light, reading lights

Have bulbs replaced by a Holden dealer.

Load compartment light

Have bulbs replaced by a Holden dealer.

Instrument panel illumination

Have bulbs replaced by a Holden dealer.

Electrical system

Fuses

Data on the replacement fuse must match the data on the defective fuse.

There are three fuse boxes in the vehicle:

- In the front left of the engine compartment.
- Behind the glovebox.
- Behind a cover on the left side of the load compartment.

Before replacing a fuse, turn off the respective switch and the ignition.

A blown fuse can be recognised by its melted wire. Do not replace the fuse until the cause of the fault has been remedied.

Some functions are protected by several fuses.

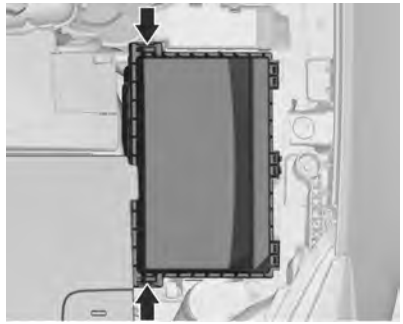
Fuses may also be inserted without existence of a function.

Fuse extractor

A fuse extractor may be located in the fuse box in the engine compartment.

Place the fuse extractor on the various types of fuse from the top or side, and withdraw fuse.

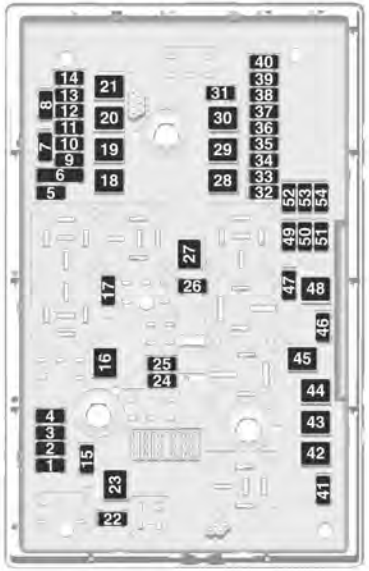
Engine compartment fuse box



The fuse box is in the front left of the engine compartment.

Disengage the cover and fold it upwards until it stops. Remove the cover vertically upwards.

Note
Not all fuses may be fitted.



No.	Circuit
1	Engine control module
2	Lambda sensor
3	Fuel injection/Ignition system
4	Fuel injection/Ignition system
5	–
6	Mirror heating
7	Fan control
8	Lambda sensor/Engine cooling
9	Rear window sensor
10	Vehicle battery sensor
11	Trunk release
12	Adaptive forward lighting/Automatic light control
13	ABS Valves
14	–
15	Engine control module
16	Starter
17	Transmission control module

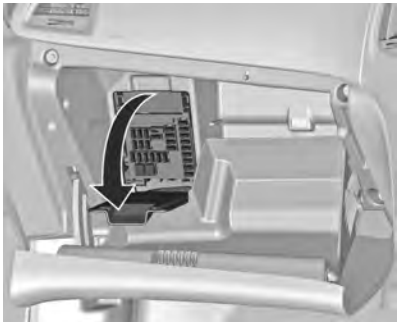
No.	Circuit
18	Heated rear window
19	Front power windows
20	Rear power windows
21	Rear eletrical centre
22	Left high beam (Halogen)
23	Headlamp washer system
24	Right low beam (Xenon)
25	Left low beam (Xenon)
26	Front fog lights
27	–
28	Start stop system
29	Electric parking brake
30	ABS pump
31	–
32	Airbag
33	Adaptive forward lighting/Automatic light control
34	Exhaust gas recirculation

No.	Circuit
35	Power windows/Rain sensor/ Exterior mirror
36	Climate control
37	–
38	Vacuum pump
39	Fuel system control module
40	Windscreen washer system
41	Right high beam (Halogen)
42	Radiator fan
43	Windscreen wiper
44	–
45	Radiator fan
46	–
47	Horn
48	Radiator fan
49	Fuel pump
50	Headlamp levelling/Adaptive forward lighting
51	–
52	–
53	Transmission control module/ Engine control module
54	Vacuum pump/Instrument panel cluster/Heating ventilation/Air conditioning system

After having changed defective fuses, close the fuse box cover and press until it engages.

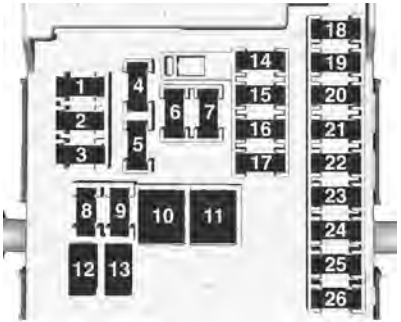
If the fuse box cover is not closed correctly, malfunctions may occur.

Instrument panel fuse box



The fuse box is located behind a cover in the glovebox. Open the glovebox, then open the cover and fold it down.

Note
Not all fuses may be fitted.



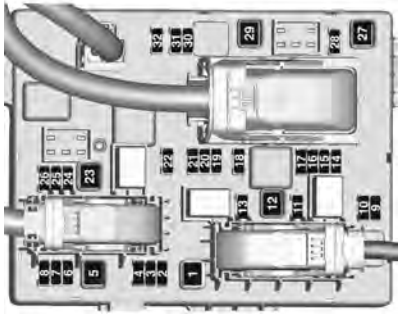
No.	Circuit
1	Displays
2	Body control unit/Exterior lights
3	Body control unit/Exterior lights
4	Infotainment system
5	Infotainment system/Instrument
6	Power outlet/Cigarette lighter
7	Power outlet
8	Body control module/Left low beam
9	Body control module/Right low beam
10	Body control module/Door locks
11	Interior fan
12	Driver power seat
13	Passenger power seat
14	Diagnostic connector
15	Airbag
16	Boot lid relay
17	Air conditioning system
18	Service diagnose
19	Body control module/Brake lights/Tail lights/Interior lights
20	-
21	Instrument panel
22	Ignition system
23	Body control module
24	Body control module
25	–
26	Trunk power outlet accessory

Load compartment fuse box

The fuse box is on the left side of the load compartment behind a cover.

Remove the cover.

Note
Not all fuses may be fitted.



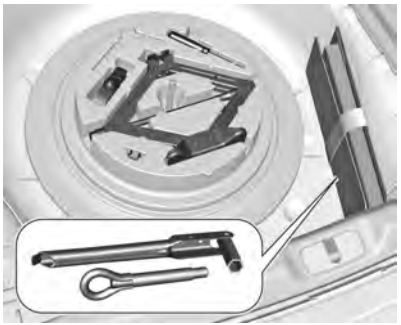
No.	Circuit
1	Soft top control module/Power rail right
2	–
3	Parking assist
4	–
5	–
6	–
7	Power seat
8	Soft top control module
9	–
10	–
11	Trailer module/Tyre pressure monitor and rear view camera
12	Soft top control module/Tail lights
13	–
14	Rear seat electrical folding
15	–
16	Seat ventilation/Rear view camera/Soft top control module
17	–
18	–
19	Steering wheel heating
20	–
21	Seat heating
22	–
23	Soft top control module/Power rail left
24	–
25	–
26	Jumper fuse for non logistic mode
27	Passive entry
28	–
29	Hydraulic unit
30	–
31	–
32	Flex Ride

Vehicle tools

Tools

Vehicles with spare wheel

A label on the jack indicates the vehicles for which the jack can be used.

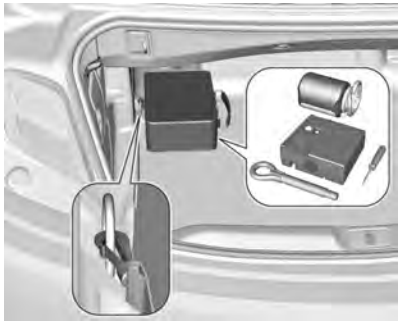


Open the load floor cover. The jack, the tools and a strap for securing a damaged wheel are in the tool box below the spare wheel in the load compartment. The wheel wrench and the towing eye are in the tool bag located in the spare wheel well near the tool box. Spare wheel ⇨ 239.

Vehicles with tyre repair kit

Some tools and the towing eye are located together with the tyre repair kit in a tool box in the load compartment below the floor cover.

Vehicles with tyre repair kit and flat load compartment floor



Some tools and the towing eye are located together with the tyre repair kit in a bag, which is fixed at the front left lashing eye in the load compartment.

Wheels and tyres

Tyre condition, wheel condition

Drive over edges slowly and at right angles if possible. Driving over sharp edges can cause tyre and wheel damage. Do not trap tyres on the kerb when parking.

Regularly check the wheels for damage. Seek the assistance of a Holden dealer in the event of damage or unusual wear.

Directional tyres

Fit directional tyres such that they roll in the direction of travel. The rolling direction is indicated by a symbol (e.g. an arrow) on the sidewall.

Tyre pressure

Check the pressure of cold tyres at least every 14 days and before any long journey. Do not forget the spare wheel.

Unscrew the valve cap.

Refer to the tyre pressure placard on the front left door frame.

The tyre pressure data refers to cold tyres.

Always inflate the spare tyre to the pressure specified for full load.

Incorrect tyre pressures will impair safety, vehicle handling, comfort and fuel economy and will increase tyre wear.

Tyre pressure ⇨ 258.

⚠ Warning

If the pressure is too low, this can result in considerable tyre warm-up and internal damage, leading to tread separation and even to tyre blow-out at high speeds.

Temperature dependency

The tyre pressure depends on the temperature of the tyre. During driving, tyre temperature and pressure increase. Tyre pressure values provided on the tyre pressure placard and tyre pressure chart are valid for cold tyres, which means at 20 °C.

The pressure increases by nearly 10 kPa for a 10 °C temperature increase. This must be considered when warm tyres are checked.

The tyre pressure value displayed in the Driver Information Centre shows the real tyre pressure. A cooled down tyre will show a decreased value, which does not indicate an air leak.

Tread depth

Check tread depth at regular intervals.

Tyres should be replaced for safety reasons when

1. The tyres are worn to the point where the tread indicators as shown, appear or the cord or fabric is showing.
2. The tread or side wall is cut, split, or cracked deep enough to expose the cord or fabric.
3. The tyre has a bump or bulge in it, indicating some kind of internal damage.
4. The tyre has a puncture, cut or other damage which cannot be repaired because of the size or location of the damage. If in doubt about the extent of the damage to the tyre, have it removed from the wheel and examined by a tyre specialist.

The legally permissible minimum tread depth (1.6 mm) has been reached when the tread has worn down as far as one of the tread wear indicators (TWI). Their position is indicated by markings on the sidewall.

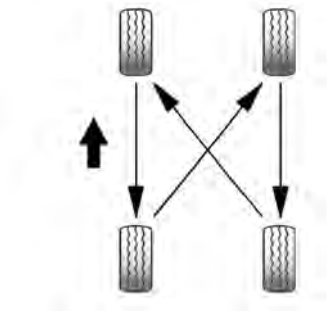
If there is more wear at the front than the rear, swap round front wheels and rear wheels. Ensure that the direction of rotation of the wheels is the same as before.

Tyres age, even if they are not used. We recommend tyre replacement every 6 years.

Tyre rotation

It is recommended that you rotate tyres at every scheduled maintenance service.

Driving conditions, driving techniques, vehicle loading and weather may warrant more frequent tyre checks and rotation.



Front and rear tyres can wear differently depending on:

- types of roads driven on
- driving habits
- tyre pressures
- wheel alignment and balance

New tyres should be fitted in pairs to the front. If replacing only one tyre, pair it on the same axle with the least worn of the other three.

Changing tyre and wheel size

If tyres of a different size than those fitted at the factory are used, it may be necessary to reprogramme the speedometer as well as the nominal tyre pressure and make other vehicle modifications.

After converting to a different tyre size, have the label with tyre pressures replaced.

⚠Warning

Use of unsuitable tyres or wheels may lead to accidents and will invalidate the vehicle type approval.

Tyre chains

⚠Warning

Do not use tyre chains. There is not enough clearance. Tyre chains used on a vehicle without the proper amount of clearance can cause damage to the brakes, suspension, or other vehicle parts. The area damaged by the tyre chains could cause loss of control and a crash. Use another type of traction device only if its manufacturer recommends it for the vehicle's tyre size combination and road conditions.

Follow that manufacturer's instructions. To avoid vehicle damage, drive slow and readjust or remove the traction device if it contacts the vehicle. Do not spin the wheels. If traction devices are used, install them on the front tyres.

Tyre repair kit

Minor damage to the tyre tread can be repaired with the tyre repair kit.

Do not remove foreign bodies from the tyres.

Tyre damage exceeding 4 mm or that is at tyre's sidewall cannot be repaired with the tyre repair kit.

⚠Warning

Do not drive faster than 80 km/h.

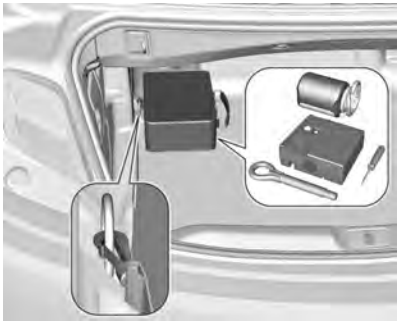
Do not use for a lengthy period.

Steering and handling may be affected.

If you have a flat tyre:

Apply the parking brake and engage first gear, reverse gear or **P**.

The tyre repair kit is in a box under the floor cover in the load compartment.



On another version, a bag with the tyre repair kit is fixed at the left rear lashing eye in the load compartment.

1. Take the tyre repair kit from the load compartment.
2. Remove the compressor.

3. Remove the electrical connection cable and air hose from the stowage compartments on the underside of the compressor.

4. Screw the compressor air hose to the connection on the sealant bottle.
5. Fit the sealant bottle into the retainer on the compressor.

   Set the compressor near the tyre in such a way that the sealant bottle is upright.

6. Unscrew valve cap from defective tyre.
7. Screw the filler hose to the tyre valve.
8. The switch on the compressor must be set to O.

9. Connect the compressor plug to the power outlet or cigarette lighter socket.

   To avoid discharging the vehicle battery, we recommend running the engine.

10. Set the rocker switch on the compressor to **I**. The tyre is filled with sealant.
11. The compressor pressure gauge briefly indicates up to 6 bar whilst the sealant bottle is emptying (approx. 30 seconds). Then the pressure starts to drop.
12. All of the sealant is pumped into the tyre. Then the tyre is inflated.
13. The prescribed tyre pressure should be obtained within 10 minutes. Tyre pressure ⇨ 258. When the correct pressure is obtained, switch off the compressor.

   If the prescribed tyre pressure is not obtained within 10 minutes, remove the tyre repair kit. Move the vehicle one tyre rotation. Reattach the tyre repair kit and continue the filling procedure for 10 minutes. If the prescribed tyre pressure is still not obtained, the tyre is too badly damaged. Seek the assistance of a workshop.

   Drain excess tyre pressure with the button over the pressure indicator.

   Do not run the compressor longer than 10 minutes.
14. Detach the tyre repair kit. Push catch on bracket to remove sealant bottle from bracket. Screw the tyre inflation hose to the free connection of the sealant bottle. This prevents sealant from escaping. Stow tyre repair kit in load compartment.
15. Remove any excess sealant using a cloth.
16. Take the label indicating maximum permitted speed from the sealant bottle and affix in the driver's field of view.
17. Continue driving immediately so that sealant is evenly distributed in the tyre. After driving approx. 10 km (but no more than 10 minutes), stop and check tyre pressure. Screw compressor air hose directly onto tyre valve and compressor when doing this.

If tyre pressure is more than 1.3 bar, set it to the correct value. Repeat the procedure until there is no more loss of pressure.

If the tyre pressure has fallen below 1.3 bar, the vehicle must not be used. Seek the assistance of a workshop.

18. Stow away the tyre repair kit in the load compartment.

Note
The driving characteristics of the repaired tyre are severely affected, therefore have this tyre replaced.

If unusual noise is heard or the compressor becomes hot, turn compressor off for at least 30 minutes.

The built-in safety valve opens at a pressure of 7 bar.

Note the expiry date of the kit. After this date its sealing capability is no longer guaranteed. Pay attention to storage information on sealant bottle.

Replace the used sealant bottle. Dispose of the bottle as prescribed by applicable laws.

The compressor and sealant can be used from approx. -30 °C.

The adapters supplied can be used to pump up other items e.g. footballs, air mattresses, inflatable dinghies etc. They are located on the underside of the compressor. To remove, screw on compressor air hose and withdraw adapter.

Wheel changing

Some vehicles are equipped with a tyre repair kit instead of a spare wheel ⇨ 233.

⚠Warning

All passengers must be out of the vehicle when it is being jacked.

Only jack the vehicle on hard, level surfaces.

Ensure moving parts of the jack are adequately lubricated before use.

Use the jack only at the designated lifting points. Use in other locations may result in the vehicle falling off the jack, or damage to the vehicle.

If using a jack (or hoist) other than the jack supplied with the vehicle, refer to the following pages in this chapter for the correct lifting positions.

Do not start or run the engine while the vehicle is supported by the jack.

Use the jack only for lifting the vehicle when changing wheels.

Do not get under a vehicle that is supported by a jack. No person should place any portion of their body under a vehicle that is supported by a jack.

Vehicles with alloy wheels may have a steel spare wheel. Drive carefully and do not exceed 80 km/h when a combination of alloy and steel wheels are fitted on the vehicle. Although the spare tyre was fully inflated when the vehicle was new, it can lose air over time. Check the inflation pressure regularly. After installing the spare wheel on the vehicle, stop as soon as possible to check the inflation pressure is correct. Have the flat tyre repaired or replaced and installed back on the vehicle as soon as possible.

Make the following preparations and observe the following information:

- Park the vehicle on a level, firm and non-slippery surface. The front wheels must be in the straight-ahead position.
- Apply the parking brake and engage first gear, reverse gear or **P**.
- Chock the wheel diagonally opposite the flat tyre with a suitable solid object.
- Remove the spare wheel ⇨ 239.
- Never change more than one wheel at once.
- Use the jack only to change wheels in case of puncture.
- The jack is maintenance-free.
- If the ground on which the vehicle is standing is soft, a solid board (max. 1 cm thick) should be placed under the jack.
- Take heavy objects out of the vehicle before jacking up.
- No people or animals may be in the vehicle when it is jacked-up.
- Never crawl under a jacked-up vehicle.
- Do not start the vehicle when it is raised on the jack.
- Clean wheel nuts and thread with a clean cloth before mounting the wheel.

⚠ Warning

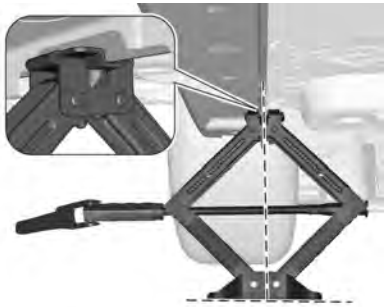
Do not grease wheel bolt, wheel nut and wheel nut cone.

1. Alloy wheels with nut caps: Disengage wheel nut caps with a screwdriver and remove. To protect the wheel, place a soft cloth between the screwdriver and the alloy wheel.

Alloy wheels with centre cap: Disengage centre cap by carefully pulling each side of the cap away from the wheel with your hands.

2. Install the wheel wrench ensuring that it locates securely and loosen each wheel nut by half a turn.

3. Ensure the jack is correctly positioned under the relevant vehicle jacking point.



4. Set the jack to the necessary height. Position it directly below the jacking point in a manner that prevents it from slipping.

Attach wheel wrench and with the jack correctly aligned rotate wrench until wheel is clear of the ground.

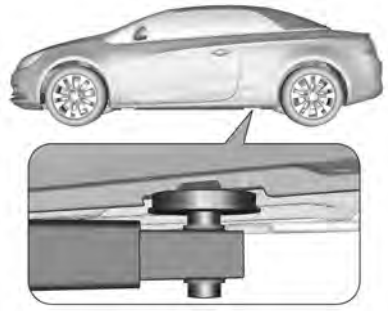
5. Unscrew the wheel nuts.
6. Change the wheel. Spare wheel ⇨ 239.
7. Screw on the wheel nuts.
8. Lower vehicle.
9. Install the wheel wrench ensuring that it locates securely and tighten each nut in a crosswise sequence. Tightening torque is 140 Nm.
10. Install wheel nut caps.

    Install centre cap if fitted.

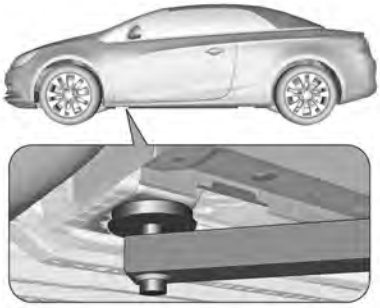
11. Stow the replaced wheel ⇨ 239, the vehicle tools ⇨ 230 and the key adapter ⇨ 60.
12. Check the tyre pressure of the installed tyre and the wheel nut torque as soon as possible.

Have the defective tyre renewed or repaired as soon as possible.

Jacking position for lifting platform



Rear arm position of the lifting platform centrically under the recess of the sill.



Front arm position of the lifting platform at the underbody.

Spare wheel

Some vehicles are equipped with a tyre repair kit instead of a spare wheel ⇨ 233.

If mounting a spare wheel, which is different from the other wheels, this wheel might be classified as a temporary spare wheel and the corresponding speed limits apply, even though no label indicates this. Seek the assistance of a Holden dealer to check the applicable speed limit.

The spare wheel has a steel rim.

Caution
The use of a spare wheel that is smaller than the other wheels could affect driveability. Have the defective tyre replaced as soon as possible.

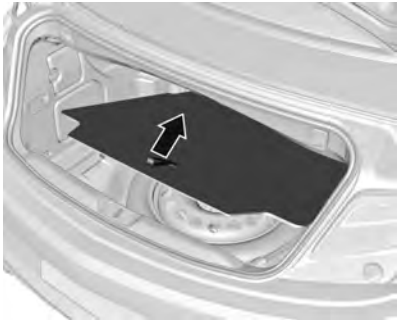
Removing the spare wheel and stowing a damaged wheel in the load compartment

The spare wheel is located in the spare wheel well beneath the floor cover.

The spare wheel well is not designed for other tyre sizes than the spare wheel.

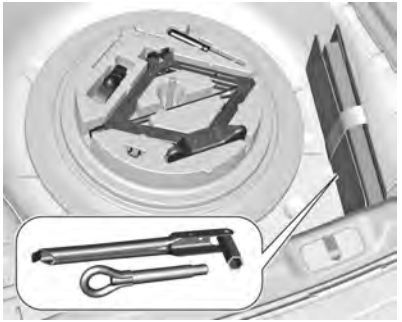
To remove:

1. Close the soft top and fold in the load compartment partition by pushing at the loop area upwards to the inside ⇨ 62.



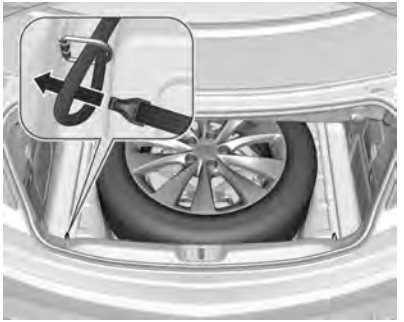
2. Remove the floor cover.

3. The spare wheel is secured with a wing nut in the well. Untwist nut, remove conical adapter and take out the spare wheel.

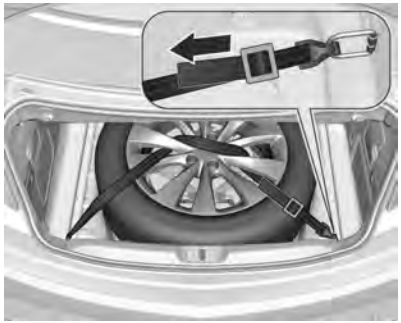


Under the spare wheel there is a box and a bag with vehicle tools.

4. Change the damaged wheel ⇨ 236 and stow the tools back in the tool box and the bag. Remove the strap from the box and put aside.
5. Secure the tool box by installing the conical adapter and wing nut.
6. Stow the damaged wheel outside up in the well.



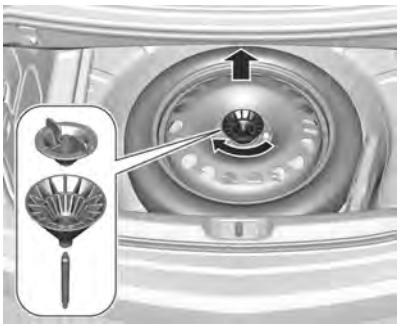
7. Place the loop end of the strap through the left rear lashing eye.
8. Place the hook end of the strap through the loop and pull it until the strap is fastened securely to the lashing eye.



9. Insert the strap through the spokes of the wheel as shown in the illustration.
10. Mount the hook to the right rear lashing eye.
11. Tighten the strap and secure it using the buckle.
12. Deposit the floor cover on the wheel.
13. If equipped, secure coupling ball bar in the bag at a lashing eye in the load compartment.
14. Fold out the load compartment partition before opening the soft top.

Stowing the spare wheel back in the well after replacing the damaged wheel

1. Close the soft top and fold in the load compartment partition.
2. Remove floor cover, untwist and remove wing nut and conical adapter.
3. Stow the tools in the tool box and the bag.
4. Place spare wheel outside up in the well.



5. Insert and turn the conical adapter in the recess of the spare wheel so that the wheel is positioned as far as possible to the front. Secure the wheel by turning the wing nut clockwise.
6. Insert and close floor cover.

⚠Warning

Storing a jack, a wheel or other equipment in the load compartment could cause injury if they are not fixed properly. During a sudden stop or a collision, loose equipment could strike someone.

Store jack and tools always in the respective storage compartments and secure them by fixing.

Damaged wheel placed in the load compartment must always be secured by the strap.

Temporary spare wheel

Caution

The use of a spare wheel that is smaller than the other wheels could affect driveability. Have the defective tyre replaced as soon as possible.

Only mount one temporary spare wheel. Do not drive faster than 80 km/h. Take curves slowly. Do not use for a long period of time.

If your vehicle gets a flat tyre on the rear while towing another vehicle, mount the temporary spare wheel in the front and the full tyre in the rear.

Tyre chains ⇨ 233.

Jump starting

Do not start with quick charger.

A vehicle with a discharged vehicle battery can be started using jump leads and the vehicle battery of another vehicle.

⚠Warning

Be extremely careful when starting with jump leads. Any deviation from the following instructions can lead to injuries or damage caused by battery explosion or damage to the electrical systems of both vehicles.

⚠Warning

Avoid contact of the battery with eyes, skin, fabrics and painted surfaces. The fluid contains sulphuric acid which can cause injuries and damage in the event of direct contact.

⚠Warning

Never expose the battery to naked flames or sparks.

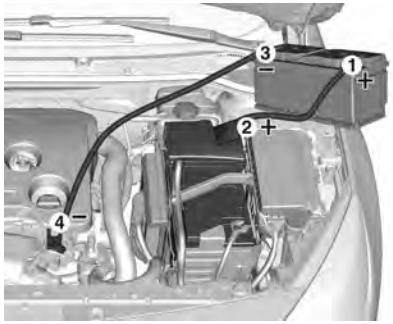
Wear eye protection and protective clothing when handling a battery.

Do not lean over the battery during jump starting.

Do not allow the terminals of one lead to touch those of the other lead.

- A discharged vehicle battery can already freeze at a temperature of 0 °C. Defrost the frozen battery before connecting jump leads.
- Use a booster battery with the same voltage (12 Volts). Its capacity (Ah) must not be much less than that of the discharged battery.
- Use jump leads with insulated terminals and a cross section of at least 16 mm^2.
- Do not disconnect the discharged battery from the vehicle.

- Switch off all unnecessary electrical consumers.
- The vehicles must not come into contact with each other during the jump starting process.
- Apply the parking brake, transmission in neutral, automatic transmission in **P**.
- Open the positive terminal protection caps of both batteries.



Lead connection order:

1. Connect the red lead to the positive terminal of the booster battery.
2. Connect the other end of the red lead to the positive terminal of the discharged battery.
3. Connect the black lead to the negative terminal of the booster battery.
4. Connect the other end of the black lead to a vehicle grounding point, such as the engine block or an engine mounting bolt. Connect as far away from the discharged battery as possible.

Route the leads so that they cannot catch on rotating parts in the engine compartment.

To start the engine:

1. Start the engine of the vehicle providing the jump.
2. After 5 minutes, start the other engine. Start attempts should be made for no longer than 15 seconds at an interval of 1 minute.
3. Allow both engines to idle for approx. 3 minutes with the leads connected.
4. Switch on electrical consumers (e.g. headlights, heated rear window) of the vehicle receiving the jump start.
5. Reverse above sequence exactly when removing leads.

Towing

Towing the vehicle

Insert a screwdriver in the slot at the lower part of the cap. Release the cap by carefully moving the screwdriver downwards.

The towing eye is stowed with the vehicle tools ⇨ 230.

Screw in the towing eye anticlockwise as far as it will go until it stops in a horizontal position.

Attach a tow rope – or better still a tow rod – to the towing eye.

The towing eye must only be used for towing and not for recovering the vehicle.

Switch on ignition to release steering wheel lock and to permit operation of brake lights, horn and windscreen wiper.

Transmission in neutral.

Caution
Drive slowly. Do not drive jerkily. Excessive tractive force can damage the vehicle.

When the engine is not running, considerably more force is needed to brake and steer.

To prevent the entry of exhaust gases from the towing vehicle, switch on the air recirculation and close the windows, when soft top is closed.

Vehicles with automatic transmission: The vehicle must be towed facing forwards, not faster than 80 km/h nor further than 100 km. In all other cases and when the transmission is defective, the front axle must be raised off the ground.

Seek the assistance of a Holden dealer.

After towing, unscrew the towing eye clockwise.

Insert cap at the top and engage downwards.

Towing another vehicle

Insert a screwdriver in the slot at the lower bend of the cap. Release the cap by carefully moving the screwdriver downwards.

The towing eye is stowed with the vehicle tools ⇨ 230.

Screw in the towing eye anticlockwise as far as it will go until it stops in a horizontal position.

The lashing eye at the rear underneath the vehicle must never be used as a towing eye.

Attach a tow rope – or even better a tow bar – to the towing eye.

The towing eye must only be used for towing and not for recovering a vehicle.

Caution
Drive slowly. Do not drive jerkily. Excessive tractive force can damage the vehicle.

After towing, unscrew the towing eye clockwise.

Insert cap at the top and engage downwards.

Appearance care

Exterior care

Locks

The locks are lubricated at the factory using a high quality lock cylinder grease. Use de-icing agent only when absolutely necessary, as this has a degreasing effect and impairs lock function. After using a de-icing agent, have the locks regreased by a Holden dealer.

Washing

The paintwork of your vehicle is exposed to environmental influences, therefore wash your vehicle regularly.

When using automatic vehicle washes, prefer one with textile brushes and select a programme without wax additives.

When doing hand wash, use clear water and a soft brush, cleaning in grain direction of the textile hood.

Never use a steam-jet or high-pressure jet cleaner for the soft top and the engine compartment.

Wax painted parts of the vehicle regulary.

Bird droppings, dead insects, resin, pollen and the like should be cleaned off immediately, as they contain aggressive constituents which can cause paint and fabric damage. Failure to do so may result in permanent damage. Road bloom is a gradual build up of road and environmental grime. This should be removed with a suitable cleaner, in addition to normal washing, on an annual basis.

If using a vehicle wash, comply with the vehicle wash manufacturer's instructions. The windscreen wiper must be switched off. Remove additional antenna and external accessories.

If you wash your vehicle by hand, make sure that the insides of the wheel housings are also thoroughly rinsed out.

Clean edges and folds on opened doors and the bonnet as well as the areas they cover.

Clean bright metal mouldings with a cleaning solution approved for aluminium to avoid damages.

Caution

Always use a cleaning agent with a pH value of 4 to 9.

Do not use cleaning agents on hot surfaces.

Caution

After washing or cleaning, the soft top must be completely dried before opening. If a wet soft top remains opened for a longer time, it would be damaged by water spotting and mould growth.

⚠Warning

Do not clean the engine compartment with a steam-jet or high-pressure jet cleaner.

When cleaning with a high-pressure jet cleaner ensure a minimum distance of 30 cm to the rear brand emblem to prevent unintended unlocking.

Thoroughly rinse and chamois the vehicle. Rinse chamois frequently. Use separate chamois for painted and glass surfaces: remnants of wax on the windows will impair vision.

Have the door hinges of all doors greased by a Holden dealer.

Do not use hard objects to remove spots of tar. Use tar removal spray on painted surfaces.

Exterior lights

Headlight and other light covers are made of plastic. Do not use any abrasive or caustic agents, do not use an ice scraper, and do not clean them dry.

Polishing and waxing

Wax painted parts of the vehicle regularly (at the latest when water no longer beads).

Polishing is necessary only if the paint has become dull or if solid deposits have become attached to it.

Paintwork polish with silicone forms a protective film, making waxing unnecessary.

Soft top as well as plastic body parts must not be treated with wax or polishing agents.

Windows and windscreen wiper blades

Use a soft lint-free cloth or chamois together with window cleaner and insect remover.

When cleaning the rear window from inside, always wipe in parallel to the heating element to prevent damage.

Remove dirt residues from smearing wiper blades by using a soft cloth and window cleaner. Also make sure to remove any residues such as wax, insect residues and similar from the window.

Pollution and continuous wiping on dry windows will damage or even destroy the wiper blades.

Wheels and tyres

Do not use high-pressure jet cleaners.

Clean rims with a pH-neutral wheel cleaner.

Rims are painted and can be treated with the same agents as the body.

Paintwork damage

Rectify minor paintwork damage with a touch-up pen before rust forms. Have more extensive damage or rust areas repaired by a Holden dealer.

Underbody

Some areas of the vehicle underbody have a PVC undercoating while other critical areas have a durable protective wax coating.

After the underbody is washed, check the underbody and have it waxed if necessary.

Bitumen/rubber materials could damage the PVC coating. Have underbody work carried out by a Holden dealer.

Before and after winter, wash the underbody and have the protective wax coating checked.

Interior care

Interior and upholstery

Only clean the vehicle interior, including the instrument panel fascia and panelling, with a dry cloth or interior cleaner.

The instrument cluster and the displays should only be cleaned using a soft damp cloth. If necessary use a weak soap solution.

Clean fabric upholstery with a vacuum cleaner and brush. Remove stains with an upholstery cleaner.

Clothing fabrics may not be colourfast. This could cause visible discolourations, especially on light-coloured upholstery. Removable stains and discolourations should be cleaned as soon as possible.

Clean seat belts with lukewarm water or interior cleaner.

Caution

Close Velcro fasteners as open Velcro fasteners on clothing could damage seat upholstery.

The same applies to clothing with sharp-edged objects, like zips or belts or studded jeans.

Leather

Clean regularly using a leather revitaliser or mild detergent.

- Apply revitaliser using a lint free cloth and rub it onto the leather.
- Do not saturate the leather with the cleaner and do not pour on directly.
- Allow to dry naturally.
- For deeply embedded soil and dirt, use a leather cleaner.
- After using a leather cleaner/ revitaliser, apply a leather protector.

  A leather protector is designed to repel dirt and provides water resistance.

Note

- Clean and protect leather at least twice a year.
- Do not use synthetic cloths or brushes.
- Leather is a natural product and may have natural markings, variation in graining, colouring and wrinkling.
- Leather has an elasticity and may stretch. This is a natural characteristic of leather.

Plastic and rubber parts

Plastic and rubber parts can be cleaned with the same cleaner as used to clean the body. Use interior cleaner if necessary. Do not use any other agent. Avoid solvents and petrol in particular. Do not use high-pressure jet cleaners.

Service and maintenance

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General information

Service information

In order to ensure economical and safe vehicle operation and to maintain the value of your vehicle, it is of vital importance that all maintenance work is carried out at the proper intervals as specified.

See your service booklet for the service schedules and for more information.

Recommended fluids, lubricants and parts

Recommended fluids and lubricants

Only use products that meet the recommended specifications. Damage resulting from the use of products not in line with these specifications will not be covered by the warranty.

⚠ Warning

Operating materials are hazardous and could be poisonous. Handle with care. Pay attention to information given on the containers.

Engine oil

Engine oil is identified by its quality and its viscosity. Quality is more important than viscosity when selecting which engine oil to use. The oil quality ensures e.g. engine cleanliness, wear protection and oil aging control, whereas viscosity grade gives information on the oil's thickness over a temperature range.

Engine oil quality

dexos 2 = 1.6L Petrol engine

Selecting the right engine oil

Selecting the right engine oil depends on the proper oil specification and viscosity grade.

Use and ask for engine oils with the dexos certification mark. Oils meeting the requirements of your vehicle should have the dexos certification mark on the container. This certification mark indicates that the oil has been approved to the dexos specification.

Your vehicle was filled at the factory with dexos approved engine oil.

Use only engine oil that is approved to the dexos specification or an equivalent engine oil of the appropriate viscosity grade.

If you are unsure whether your oil is approved to the dexos specification, ask your service provider.

Use of substitute engine oils if dexos is unavailable: In the event that dexos approved engine oil is not available at an oil change or for maintaining proper oil level, you may use substitute engine oil of the qualities mentioned above. Use of oils that do not meet the dexos specification, however, may result in reduced performance or engine damage under certain circumstances.

Topping up engine oil

Engine oils of different manufacturers and brands can be mixed as long as they comply with the required engine oil quality and viscosity.

Additional engine oil additives

The use of additional engine oil additives could cause damage and invalidate the warranty.

Engine oil viscosity grades

The SAE viscosity grade gives information on the thickness of the oil.

Multigrade oil is indicated by two figures, e.g. SAE 5W-30. The first figure, followed by a W, indicates the low temperature viscosity and the second figure the high temperature viscosity.

Select the appropriate viscosity grade depending on the minimum ambient temperature ⇨ 254.

All of the recommended viscosity grades are suitable for high ambient temperatures.

Coolant and antifreeze

Use only organic acid type-long life coolant (LLC) antifreeze approved for the vehicle. Consult a Holden dealer.

The system is factory filled with coolant designed for excellent corrosion protection and frost protection down to approx. -28 °C. This concentration should be maintained all year round. The use of additional coolant additives that intend to give additional corrosion

protection or seal against minor leaks can cause function problems. Liability for consequences resulting from the use of additional coolant additives will be rejected.

Brake and clutch fluid

Only use DOT4 brake fluid.

Over time, brake fluid absorbs moisture which will reduce braking effectiveness. The brake fluid should therefore be replaced at the specified interval.

⚠Warning

Using brake fluid other than GM recommended brake fluid may cause corrosion to components of the braking system and reduced braking performance.

Use only new brake fluid. Use of old, used or inferior brake fluid may endanger the functioning of the brake system.

Automatic transmission fluid

Only use Dexron VI fluid.

Technical data

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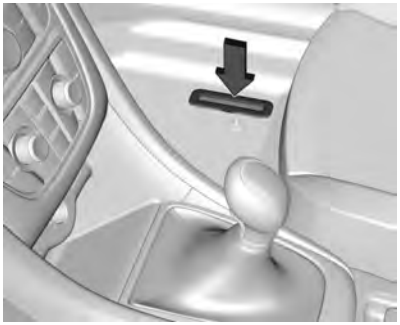
Vehicle identification

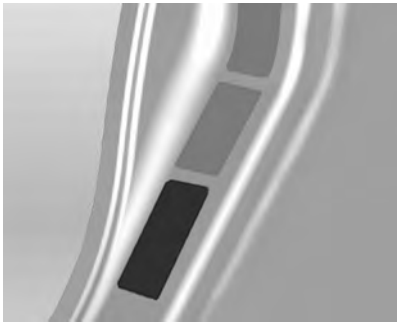
Vehicle Identification Number



The Vehicle Identification Number may be stamped on the identification plate and on the floor pan, under the floor covering, visible under a cover.

The Vehicle Identification Number may be embossed on the instrument panel, visible through the windscreen, or in the engine compartment on the right body panel.

Identification plate



The identification plate is located on the front left door frame.

Information on identification label:

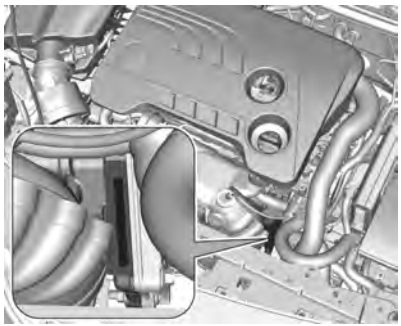
1 : Approval number
2 : Manufacturer
3 : Category
4 : Number of seats
5 : Vehicle identification number
6 : Compliance date

Build date label

The build date label is located in the front part of the engine compartment.

Engine serial number

1.6L Petrol engine



The engine serial number is located in the front part of the engine compartment.

Vehicle data

Recommended fluids and lubricants

International service schedule

Required engine oil quality

Engine	Oil quality	Oil grade
1.6L Petrol	dexos 2	SAE 5W-30 or 5W-40

In case dexos quality is unavailable you may use the oil grade listed above.

Engine data

Engine	1.6L A/T	1.6L M/T
Number of cylinders	4	4
Piston displacement [cm^3]	1598	1598
Engine power [kW]	Refer to www.holden.com.au.	Refer to www.holden.com.au.
Torque [Nm]	Refer to www.holden.com.au.	Refer to www.holden.com.au.
Fuel type	Petrol	Petrol
Octane rating RON		
recommended	98	98
possible	95	95
possible	91[1)]	91[1)]

1) Use of 91 RON petrol is possible only for short periods and if high engine load, full load or driving in mountainous terrain with a high payload is avoided.

Vehicle weight

Additional weight

Maximum vehicle payloads

Engine	Occupants (average 68 kg each)	Luggage (kg)	Total load (kg)
1.6L A/T	4	68	416
1.6L M/T	4	68	386

Maximum front and rear axle loads

Engine	Front axle loads (kg)	Rear axle loads (kg)
1.6L A/T	1170	1020
1.6L M/T	1150	1010

Loading information ⇨ 66.

Vehicle dimensions

Length [mm]	4696
Length max. when operating soft top [mm]	4760
Width without exterior mirrors [mm]	1839
Width with two exterior mirrors [mm]	2020
Height (without antenna) [mm]	1443

Height max. when operating soft top [mm]	2103
Length of load compartment floor [mm]	1121
Length of load compartment with folded rear seats [mm]	1818
Load compartment width [mm]	978
Load compartment height [mm] with opened soft top	246
Load compartment height [mm] with closed soft top	453
Wheelbase [mm]	2695
Turning circle diameter [m]	12.2

Capacities

Engine oil

Engine	1.6L A/T, 1.6L M/T
including Filter [l]	5.5
between MIN and MAX [l]	1.0

Fuel tank

Petrol, refill quantity [l]	56

Tyre pressures

Tyres	Comfort with up to 3 people		ECO with up to 3 people		With full load	
	front [kPa/bar] ([psi])	rear [kPa/bar] ([psi])	front [kPa/bar] ([psi])	rear [kPa/bar] ([psi])	front [kPa/bar] ([psi])	rear [kPa/bar] ([psi])
235/50 R18, 245/40 R20	230/2.3 (34)	230/2.3 (34)	280/2.8 (41)	280/2.8 (41)	240/2.4 (35)	280/2.8 (41)
Temporary spare wheel 125/70 R17	420/4.2 (61)	420/4.2 (61)	–	–	420/4.2 (61)	420/4.2 (61)

Customer information

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Customer information

Owner assistance

Holden Customer Care

At Holden, we want you to be completely satisfied with your ownership experience. This applies to your vehicle and any Holden representative you may deal with. Refer below for two options for seeking assistance with your query.

Holden Dealerships

Holden encourages you to seek assistance from your Holden Dealership. Each Holden Dealership is equipped to manage any sales, servicing, parts or technical query. In the instance that you wish to escalate a query to a higher level of staff, further options are available to you. As a first step, Holden suggests you discuss any concern with the relevant Department Manager (Sales Manager or Service Manager). Alternatively, the Dealership General Manager or Dealer Principal will also be happy to assist you.

Holden Customer Care Office

Should you wish to speak to a Holden representative, you are welcome to contact the Holden Customer Care team. Refer below for operating hours and various methods of communication.

Operating Hours
Weekdays: 8am – 7pm AEST

Saturday: 9am – 1pm AEST

Telephone
Holden Customer Care can be telephoned from anywhere within Australia for only the cost of a local call.

The contact number is:

1800 033 349

Email
Alternatively, you may prefer to email Holden at:

holdencustomercare@gm.com

Written Correspondence
You can also write to Holden at the address below:

The Manager

Holden Customer Care Centre

GPO Box 1714

Melbourne 3001

Your written correspondence should clearly outline your concern or query and include:

- Your name and address
- Telephone numbers, both private and business
- Servicing dealer's name and address
- Vehicle model
- Vehicle identification number (I.S.O.V.I.N.), refer to the inside front cover of the Service/ Warranty Booklet in your vehicle's glove box
- Date of purchase
- Current odometer reading

Most of this information will be found on the Vehicle Identification Certificate, located inside the front cover of the Service/Warranty Booklet in your vehicle's glove box.

Before you write however, remember that the telephone is the quicker and more efficient means of communication.

New Zealand

The information in this Owner's Handbook applies primarily to Australian Holden vehicles and there may be some differences to the Warranty and Owner Assistance provisions for New Zealand.

Applicable details for New Zealand are set out in the Holden Warranty and Owner Assistance Information booklet enclosed in the New Zealand glove box wallet.

New Zealand Assistance can be reached on:

0800 HOLDEN (0800 465 336)

This number provides access to New Zealand Roadside Assistance as well as New Zealand Customer Care.

Alternatively, you may prefer to email Holden at:

holdencustomercare@gm.com

You can also write to Holden at the address below:

The Manager

Holden Customer Care Centre

P.O. Box 11195

Ellerslie

Auckland 1542

New Zealand

Collision damage repair

Paint thickness

Due to production, the thickness of the paint can vary between 50 and 400 µm.

Therefore, different paint thickness is no indicator for a collision damage repair.

Vehicle data recording and privacy

Event data recorders

Data storage modules in the vehicle

A large number of electronic components of your vehicle contain data storage modules temporarily or permanently storing technical data about the condition of the vehicle, events and errors. In general, this technical information documents the condition of parts, modules, systems or the environment:

- Operating conditions of system components (e.g. filling levels)
- Status messages of the vehicle and its single components (e.g. number of wheel revolutions / rotational speed, deceleration, lateral acceleration)
- Dysfunctions and defects in important system components
- Vehicle reactions in particular driving situations (e.g. inflation of an airbag, activation of the stability regulation system)
- Environmental conditions (e.g. temperature)

These data are exclusively technical and help identifying and correcting errors as well as optimising vehicle functions.

Motion profiles indicating travelled routes cannot be created with these data.

If services are used (e.g. repair works, service processes, warranty cases, quality assurance), employees of the service network (manufacturer included) are able to read out this technical information from the event and error data storage modules applying special diagnostic devices. If required, you will receive further information at these Holden dealers. After an error has been corrected, the data are deleted from the error storage module or they are constantly overwritten.

When using the vehicle, situations may occur in which these technical data related to other information (accident report, damages on the vehicle, witness statements etc.) may be associated with a specific person - possibly, with the assistance of an expert.

Additional functions contractually agreed upon with the client (e.g. vehicle location in emergency cases) allow the transmission of particular vehicle data from the vehicle.

Radio Frequency Identification (RFID)

RFID technology is used in some vehicles for functions such as ignition system security. It is also used in connection with conveniences such as radio remote controls for door locking/unlocking and starting, and in-vehicle transmitters for garage door openers. RFID technology in Holden vehicles does not use or record personal information or link with any other Holden system containing personal information.

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